**CURRICULUM VITAE**

**BIOGRAPHICAL**

Name: Douglas Blakemore White, MD, MAS

Home Address: 33 Easton Drive Citizenship: United States

Pittsburgh, PA 15238

Home Phone: 412 406-7509 E-Mail Address: whitedb@upmc.edu

Business Address: Department of Critical Care Medicine

Scaife Hall, Room 608

3550 Terrace Street

Pittsburgh, PA 15261

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**EDUCATION AND TRAINING**

UndergraduAte:

1991 − 1995 Dartmouth College B.A., English Literature

Hanover, NH

Graduate:

1995 − 1999 University of California, San Francisco M.D.

San Francisco, CA

PostgraduAte:

2000 − 2002 University of California, San Francisco Residency, Internal Medicine

San Francisco, CA

2002 − 2005 University of California, San Francisco Fellowship, Pulmonary & Critical Care

San Francisco, CA

2004 − 2006 University of California, San Francisco M.A.S., Epidemiology & Biostatistics

San Francisco, CA

2005 − 2007 University of California, San Francisco Fellowship, Clinical Ethics

San Francisco, CA

**APPOINTMENTS AND POSITIONS**

AcAdemic:

2016 − PresentUniversity of Pittsburgh Professor with tenure

School of Medicine

Department of Critical Care Medicine

2016 – Present University of Pittsburgh Vice Chair, Faculty Development

School of Medicine Department of Critical Care Medicine

2015 – Present University of Pittsburgh Co-Chair, Ethics Committee,

School of Medicine UPMC Presbyterian-Shadyside

2013- Present University of Pittsburgh UPMC Endowed Chair for Ethics in

School of Medicine Critical Care Medicine

2012 − 2016University of Pittsburgh Associate Professor with tenure

School of Medicine

Department of Critical Care Medicine

2012 – Present University of Pittsburgh Associate Professor

School of Medicine (Secondary appointment)

Department of Medicine

2011 – Present University of Pittsburgh Associate Professor

Clinical and Translational Science Institute (Secondary appointment)

2009 − Present University of Pittsburgh Director, Program on Ethics and

Department of Critical Care Medicine Decision Making in Critical Illness

2009 − Present University of Pittsburgh Core Faculty

Center for Bioethics and Health Law

2009 – 2012 University of Pittsburgh Visiting Associate Professor

School of Medicine

Department of Critical Care Medicine

2005 − 2009University of California, San Francisco Assistant Professor

School of Medicine Department of Medicine

San Francisco, CA

2007 − 2009 University of California, San Francisco Director, UCSF Clinical Ethics Core

San Francisco, CA

2005 − 2009 University of California, San Francisco Investigator, Program in Medical Ethics

San Francisco, CA

NON-ACADEMIC:

2009 − Present UPMC Presbyterian Hospital Attending Physician

200 Lothrop Street

Pittsburgh, PA 15213

**CERTIFICATION AND LICENSURE**

CERTIFICATIONS: American Board of Internal Medicine

Sub-board of Critical Care Medicine

October 6, 2016

American Board of Internal Medicine

Sub-board of Critical Care Medicine

November 8, 2006

American Board of Internal Medicine

Sub-board of Pulmonary Medicine

November 15, 2005

American Board of Internal Medicine

June 19, 2003

MEDICAL LICENSURE Pennsylvania Medical License

Expiration: 12/31/2016

**MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES**

American Thoracic Society Member 2003-present

Society for Critical Care Medicine Member 2003-present

Society for Medical Decision Making Member 2005-present

American Society of Bioethics and Humanities Member 2006-present

**Honors and Awards**

Rufus Choate Scholar Dartmouth College 1994, 1995

Phi Beta Kappa Honor Society Dartmouth College 1995

Summa Cum Laude Dartmouth College 1995

Expedition Medical Officer, 1998 American 1998

Mt Everest Expedition

Alpha Omega Alpha Honor Society UCSF 1999

Lee Lusted Prize for Outstanding Mentored Society for Medical 2006

Research Decision Making

Award for Outstanding Ethics Research Society for Critical Care 2008

Medicine

Greenwall Foundation Faculty Scholar Greenwall Foundation 2008

Award in Bioethics

Paul B. Beeson Career Development NIA American Federation for 2008

Award in Aging Reseach, Starr Aging Research (AFAR)

Foundation, Atlantic Philanthropies

Top reviewer Annals of Internal Medicine 2008, 2010

Reza Gandjei Lectureship in Bioethics UCSF School of Medicine 2009

Theodore Badger Memorial Lecture American Lung Association 2011

of New England

John Zinn Memorial Lecture Connecticut Thoracic Society 2011

Grenvik Family Award for Ethics Society for Critical Care 2012

Medicine

UPMC Endowed Chair of Ethics in Critical University of Pittsburgh 2012

Care Medicine

Standing Member, NIH Societal and Ethical National Institutes of Health 2013

Issues in Research (SEIR) Study Section

Goldstein Lectureship University of Toronto 2013

Shallenberger Lectureship Johns Hopkins University 2014

Peterson Lectureship University of Wisconsin 2015

Chair- NIH Societal and Ethical Issues National Institute of Health 2015

In Research (SEIR) study section

Distinguished Research Mentor Award University of Pittsburgh 2015

School of Medicine

Institute for Clinical Research

Elected to American Society of Clinical American Society of Clinical 2017

Investigation Investigation

**PUBLICATIONS**

**Peer Reviewed:**

1. **White DB**, Schneider J, Hoffman K, et al. Association between carotid artery bifurcation disease and risk factors for atherosclerosis. Vasc Endovascular Surg. 1996; 30(6):495-502.
2. **White DB**, Curtis JR, Lo B, Luce JM. Decisions to limit life-sustaining treatment for critically ill patients who lack both decision-making capacity and surrogate decision-makers. Crit Care Med. 2006 Aug; 34(8): 2053-9. PMID: 16763515.
3. **White DB**, Braddock CH, Berknyei S, Curtis JR. Toward shared decision making at the end of life in intensive care united: opportunities for improvement. Arch Intern Med. 2007 Mar 12;167(5):461-7. PMID: 17353493.
4. **White DB**, Engelberg RA, Wenrich MD, Lo B, Curtis JR. Prognostication during physician-family discussions about limiting life support in intensive care units. Crit Care Med. 2007 Feb; 35(2):442-8. PMID: 17205000.
5. [Curtis JR, Cook DJ, Sinuff T, **White DB**, Hill N, Keenan SP, Benditt JO, Kacmarek R, Kirchhoff KT, Levy MM; the Society of Critical Care Medicine Palliative Noninvasive Positive Pressure Ventilation Task Force.](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=17255876&query_hl=1&itool=pubmed_docsum) Noninvasive positive pressure ventilation in critical and palliative care settings: understanding the goals of therapy. Crit Care Med 2007. 35(3):932-9. PMID: 17255876.
6. Luce JM, **White DB**. The pressure to withhold or withdraw life-sustaining therapy from critically ill patients in the United States. Am J Respir Crit Care Med. 2007; 175(11):1104-8. PMID: 17379853.
7. **White DB**, Curtis JR, Wolf LE, Prendergast TJ, Taichman DB, Kuniyoshi G, Acerra F, Lo B, Luce JM. Life support for patients without a surrogate decision maker: who decides? Ann Intern Med. 2007 Jul 3;147(1):34-40. PMID: 17606959.
8. Selph RB, Shiang J, Engelberg RA, Curtis JR, **White DB**. Empathy and life support decisions in intensive care units. J Gen Intern Med. 2008 Sep; 23(9):1311-17. PMID: 18574641 PMCID: PMC2517995.
9. Zier LS, Burack JH, Micco G, Chipman A, Frank JA, Luce JM, **White DB**. Doubt and belief in physicians’ ability to prognosticate during critical illness: the perspective of surrogate decision makers. Crit Care Med. 2008 Aug; 36(8):2341-7. PMID: 18596630 PMCID: PMC2628287.
10. Curtis JR, **White DB.** Practical guidance for evidence-based ICU family conferences. Chest 2008;Oct; 134(4):835-43. PMID: 18842916 PMCID: PMC2628462.
11. Apatira L, Boyd EA, Malvar G, Luce J, Lo, B, **White DB.** Hope, truth, and preparing for death in intensive care units. Ann Intern Med. 2008Dec; 16:149(12):861-8. PMID: 19075205 PMCID: PMC2622736.
12. Evans L, Boyd EA, Apatira L, Malvar G, Luce J, Lo, B, **White DB.** Surrogate decision-makers' perspectives on discussing prognosis in the face of uncertainty. Am J Respir Crit Care Med. 2009 Jan; 1:179(1):48-53. PMID: 18931332 PMCID: PMC2615661.
13. **White DB**, Katz M, Luce JM, Lo B. Who should receive life support during a public health emergency? Using ethical principles to improve allocation decisions. Ann Intern Med.2009 Jan; 20:150(2):132-8. PMID: 19153413 PMCID: PMC2629638.
14. Luce JM, **White DB**. A history of ethics and law in the intensive care unit.Crit Care Clin. 2009 Jan; 25: 221–37. PMID: 19268804 PMCID: PMC2679963.
15. Hemphill JC 3rd, **White DB**. Clinical nihilism in neuroemergencies. Emerg Med Clin North Am.2009 Feb;27 (1):27-37. PMID: 19218017 PMCID: PMC2676162.
16. Zier LS, Burack JH, Micco G, Chipman A, Frank JA, Luce JM, **White DB**. Surrogate decision-makers’ responses to physicians’ predictions of medical futility*.* Chest. 2009 Jul; 136(1):110-7. PMID: 19318665 PMCID: PMC2716715.
17. **White DB,** Evans L, Bautista C, Luce JM, Lo B. Are physicians’ recommendations to limit life support beneficial or burdensome? Bringing empirical data to the debate. Am J Respir Crit Care Med. 2009 Aug;15:180(4):320-5. PMID: 19498057 PMCID: PMC2731809.
18. Cox CE, Docherty SL, Brandon DH, Whaley C, Attix DK, Clay AS, Dore DV, Hough CL, **White DB,** Tulsky JA. Surviving critical illness: acute respiratory distress syndrome as experienced by patients and their caregivers. Crit Care Med. 2009 Oct; 37(10):2702-8. PMID: 19865004 PMCID: PMC2771584.
19. **White DB**, Engelberg RA, Wenrich MD, Lo B, Curtis JR. The language of prognostication in intensive care units. [Med Decis Making.](javascript:AL_get(this,%20'jour',%20'Med%20Decis%20Making.');) 2010 Jan-Feb; 30(1):76-83. PMID: 18753685 PMCID: PMC2812635.
20. **White DB**, Karr JK. Malvar G, Lo B, Curtis JR. Expanding the paradigm of the physician’s role in surrogate decision making: an empirically-derived framework. Crit Care Med. 2010; 38(3):743-50. PMID: 20029347 PMC3530842
21. McAdam, JM, Dracup, KA, **White, DB**, Fontaine, DK, Puntillo, KA. Symptom experiences of family members of intensive care unit patients at high risk of dying. Crit Care Med. 2010 Apr; 38(4):1078-85. PMID: 20124890.
22. Bernat JL, Capron AM, Bleck TP, Blosser S, Bratton SL, Childress JF, DeVita MA, Fulda GF, Gries CJ,

Mathur M, Nakagawa TA, Rushton CH, Shemie SD, **White DB.** The circulatory-respiratory determination

of death in organ donation. Crit Care Med 2010; 38(3):963-70. PMID: 20124892.

1. [Boyd EA](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Boyd%20EA%22%5BAuthor%5D), [Lo B](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Lo%20B%22%5BAuthor%5D), [Evans LR](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Evans%20LR%22%5BAuthor%5D), [Malvar G](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Malvar%20G%22%5BAuthor%5D), [Apatira L](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Apatira%20L%22%5BAuthor%5D), [Luce JM](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Luce%20JM%22%5BAuthor%5D), [**White DB**](http://www.ncbi.nlm.nih.gov/pubmed?term=%22White%20DB%22%5BAuthor%5D). “It’s not just what the doctor tells me:” Factors that influence surrogate decision-makers’ perceptions of prognosis. Crit Care Med. 2010 May; 38(5):1270-5. PMID: 20228686 PMCID: PMC3530838.
2. [Zahuranec DB](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Zahuranec%20DB%22%5BAuthor%5D), [Morgenstern LB](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Morgenstern%20LB%22%5BAuthor%5D), [Sánchez BN](http://www.ncbi.nlm.nih.gov/pubmed?term=%22S%C3%A1nchez%20BN%22%5BAuthor%5D), [Resnicow K](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Resnicow%20K%22%5BAuthor%5D), [**White DB**](http://www.ncbi.nlm.nih.gov/pubmed?term=%22White%20DB%22%5BAuthor%5D), [Hemphill JC 3rd](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Hemphill%20JC%203rd%22%5BAuthor%5D). Do-not-resuscitate orders and predictive models after intracerebral hemorrhage. Neurology. 2010 Aug 17; 75(7):626-33. PMID: 20610832 PMCID: PMC2931769.
3. Daugherty EL, **White DB**. Conducting clinical research during disasters. *AMA Journal of Ethics:* *Virtual Mentor.* 2010; 12:701-705. <http://virtualmentor.ama-assn.org/2010/09/ccas1-1009.html>   Accessed September 1, 2010.
4. Yeow, M-E, Mehta RS, **White DB**, Szmuilowicz E. Using noninvasive ventilation at the end of life. J Palliat Med. 2010 Sep; 13(9):1149-51. PMID: 20836641.
5. Lee Char SJ, Evans LR, Malvar GL, **White DB.** A randomized trial of two methods to disclose prognosis to surrogate decision makers in intensive care units. Am J Respir Crit Care Med. 2010 Oct 1;182(7):905-9. Epub 2010 June 10. PMID: 20538959 PMCID: PMC2970862.
6. Anderson WG, Winters K, Arnold RM, Puntillo KA, **White DB**, Auerbach AD.Studying physician-patient communication in the hospital setting: The hospitalist rapport study. Patient Educ Couns. 2011; 82:275–79. PMID: 20444569 PMCID: PMC3025053.
7. Johnson SK. Bautista CA. Hong S, Weissfeld L. **White DB**. An empirical study of surrogates’ preferred level of control over value-laden life support decisions in intensive care units. Am J Respir Crit Care Med. 2011 Apr 1;183(7):915-21. PMID: 21037019 PMCID: PMC3086756.
8. **White DB.** Rethinking interventions to improve surrogate decision making in ICUs. [Am J Crit Care.](javascript:AL_get(this,%20'jour',%20'Am%20J%20Crit%20Care.');) 2011 May;20(3):252-7. PMID: 21532046 PMCID: PMC3530846.
9. **White DB,**  Brody B. Would accommodating some conscientious objections by physicians promote

quality in medical care? JAMA. 2011 May 4;305(17):1804-5. PMID: 21540425.

1. Schenker Y, **White DB,** Asch DA, Kahn JM. Health care system distrust in the intensive care unit. J[Crit Care.](http://www.ncbi.nlm.nih.gov/pubmed/21715134) 2011 Jun 27. PMID: 21715134 PMCID: PMC3184334.
2. Dainiak N, Gent RN, Carr Z, Schneider R, Bader J, Buglova E, Chao N, Coleman N, Ganser A, Gorin C,

Hauer-Jensen M, Huff LA, Lillis-Hearne P, Maekawa K, Nemhauser J, Powles R, Schunemann H, Shapiro A, Stenke L, Valverde N, Weinstock D, **White D**, Albanese J, Meineke V. Global consensus on management of acute radiation syndrome affecting non-hematopoietic organ systems. Disaster Med Public Health Prep**.** 2011 Oct;5(3):183-201. PMID: 21986999 PMCID: PMC3638239.

1. Dainiak N, Gent RN, Carr Z, Schneider R, Bader J, Buglova E, Chao N, Coleman N, Ganser A, Gorin C, Hauer-Jensen M, Huff LA, Lillis-Hearne P, Maekawa K, Nemhauser J, Powles R, Schunemann H, Shapiro A, Stenke L, Valverde N, Weinstock D, **White D**, Albanese J, Meineke V. First global consensus for evidence-based management of the hematopoietic syndrome resulting from exposure to ionizing radiation. Disaster Med Public Health Prep**.** 2011 Oct;5(3):202-212. PMID: 21987000 PMCID: PMC3643115.
2. Scheunemann L, **White DB.** The ethics and reality of rationing in medicine. Chest. December 2011 140:6 1625-1632. PMID: 22147821 PMCID: PMC3415127.
3. Evans TW, Nava S, Mata GV, Guidet B, Estenssoro E, Fowler R, Scheunemann L, **White D**, Manthous CA. Critical care rationing: International comparisons. Chest. 2011 Dec; 140(6):1618-24. PMID; 22147820.
4. **White DB,** Pope TM. The courts, futility, and the ends of medicine. JAMA. 2012 Jan 11;307(2):151-2 PMID: 22235083 PMCID: PMC3530837.
5. Truog RD, Brock DW, **White DB**. Should patients receive general anesthesia prior to extubation at the end of life? Crit Care Med. 2012 Feb;40(2):631-3. PMID: 22249031.
6. Zier LS, Sottile PD, Hong SY, Weissfeld LA, **White DB.** Surrogate decision makers' interpretation of prognostic information: a mixed-methods study. Ann Intern Med. 2012 Mar 6;156(5):360-6. PMID: 22527082. PMCID: PMC3530840.
7. Carson SS, Kahn JM, Hough CL, Seeley EJ, **White DB**, Douglas IS, Cox CE, Caldwell E, Bangdiwala S, Garrett J, Rubenfeld G; for the ProVent Investigators. A multicenter mortality prediction model for patients receiving prolonged mechanical ventilation. Crit Care Med. 2012 Apr;40(4):1171-1176 PMID: 22080643 PMCID: PMC3395423.
8. **White DB,** Jonsen A, Lo B. Ethical challenge: when clinicians act as surrogates for unrepresented patients. Am J Crit Care. 2012 May;21(3):202-7. PMID: 22549577.
9. Karir, V, Kahn, J, **White DB.** Using principles of behavioral economics to mitigate drug shortages. Am J Respir Crit Care Med. 2012 Jun 1;185(11):1135-7. PMID: 22661517.

1. Cox CE, Porter LS, Hough CL, **White DB**, Kahn JM, Carson SS, Tulsky JA, Keefe FJ. Development and preliminary evaluation of a telephone-based coping skills training intervention for survivors of acute lung injury and their informal caregivers. Intensive Care Med. 2012 Aug;38(8):1289-97. Epub 2012 Apr 18. PMID: 22527082 PMCID: PMC3535183.
2. Majesko A, Hong SY, Weissfeld L, **White DB**. Identifying family members who may struggle in the role of surrogate decision maker. Crit Care Med. 2012 Aug; 40(8): 2281-2286. PMID: 22809903 PMCID: PMC3530841
3. Cox CE, Lewis CL, Hanson LC, Hough CL, Kahn JM, **White DB**, Song MK, Tulsky JA, Carson SS. Development and pilot testing of a decision aid for surrogates of patients with prolonged mechanical ventilation. [Crit Care Med.](http://www.ncbi.nlm.nih.gov/pubmed/22635048) 2012 Aug; 40(8): 2327-2334. PMID: 22635048 PMCID: PMC3826165.
4. Schuster RA, Hong SE, Arnold RM, **White DB**. Do physicians disclose uncertainty when discussing prognosis in grave critical illness? Narrative Inquiry in Bioethics*.* 2012 v2.2:125-135. PMID: 24406834 PMCID: PMC4132874.
5. Scheunemann LP, **White DB**. The physician as rationer: uncertainty about the physician's role obligations. Semin Respir Crit Care Med. 2012 Aug;33(4):421-6. PMID: 22875389.
6. Scheunemann LP, Arnold RM, **White DB.** The facilitated values history: helping surrogates make authentic decisions for incapacitated patients with advanced illness. Am J Respir Crit Care Med. 2012 Sep 15;186(6):480-6. PMID: 22822020 PMCID: PMC3480534.
7. **White DB**, Wicclair M. Limits on clinicians' discretion to unilaterally refuse treatment. Am J Crit Care. 2012 Sep;21(5):361-364. PMID: 22941710.
8. Schenker Y, Tiver GA, Hong SY, **White DB.** Association between physicians’ beliefs and the option of

comfort care for critically ill patients. Intensive Care Med. 2012 Oct;38(10):1607-15 PMID: 22885651 PMCID: PMC3470837.

1. **White DB**, Cua SM, Walk R, Pollice L, Weissfeld L, Hong SE, Landefeld CS, Arnold R,**.** Nurse-led intervention to improve surrogate decision making for patients with advanced critical illness. Am J Crit Care*.* 2012 Nov;21(6):369-409. PMID: 23117903 PMCID: PMC3547494.
2. McAdam J, Dracup K, **White D**, Fontaine D, Puntillo K. Psychological symptoms of family

members of high risk intensive care unit patients. Am J Crit Care. 2012 Nov12(6): 386-393.PMID: 23117902.

1. Schenker Y, Crowley-Matoka M, Dohan D, Tiver GA, Arnold RM, **White DB**. I don't want to be the one saying 'we should just let him die': intrapersonal tensions experienced by surrogate decision makers in the ICU. [J Gen Intern Med.](http://www.ncbi.nlm.nih.gov/pubmed/23011253) 2012 Dec;27(12):1657-65. PMID: 23011253. PMCID: PMC3509291.
2. Schenker Y, **White DB**, Crowley-Matoka M, Dohan D, Tiver GA, Arnold RM. “It hurts to know . . . and it helps”: exploring how surrogates in the ICU cope with prognostic information. J Palliat Med. 2013 Mar; 16 (3): 243-9. PMID: 23368978 PMCID: PMC3583249.
3. Gries CJ, Dew MA, Curtis JR, Edelman JD, DeVito-Dabbs A, Pilewski JM, Goss CH, Mulligan MS, **White DB**. Nature and correlates of post-traumatic stress symptomatology in lung transplant recipients. [J Heart Lung Transplant.](http://www.ncbi.nlm.nih.gov/pubmed/23570741) 2013 May;32(5):525-32. PMID: 23570741.
4. **White DB**, Ernecoff N, Billings JA, Arnold R. Is dying in an ICU a sign of poor quality end-of-life care? Am J Crit Care. 2013 May; 22(3):263-6. PMID: 23635937.
5. Uy J, **White DB**, Mohan D, Arnold RM, Barnato AE. Physicians' decision-making roles for an acutely unstable critically and terminally ill elder. Crit Care Med. 2013 Jun;41(6):1511-7. PMID: 235525100 PMCID: PMC3897263.
6. Smith AK, **White DB**, Arnold RM. Uncertainty—the other side of prognosis. N Engl J Med. 2013 June 27; 368(26):2448-50 PMID: 23802514 PMCID: PMC3760713.
7. Gries CJ, **White DB**, Truog RD, Dubois J, Cosio CC, Dhanani S, Chan KM, Corris P, Dark J, Fulda G, Glazier AK, Higgins R, Love R, Mason DP, Nakagawa TA, Shapiro R, Shemie S, Tracy MF, Travaline JM, Valapour M, West L, Zaas D, Halpern SD. American Thoracic Society Health Policy Committee. An official American thoracic society/international society for heart and lung transplantation/society of critical care medicine/association of organ and procurement organization/united network of organ sharing statement: ethical and policy considerations in organ donation after circulatory determination of death. Am J Respir Crit Care Med. 2013 Jul 1; 188(1):103-9.PMID: 23815722.
8. Maciasz RM, Arnold RM, Chu E, Park SY, **White DB**, Vater LB, Schenker Y. Does it matter what you call it? A randomized trial of language used to describe palliative care services. Support Care Cancer. 2013 Aug 14. [Epub ahead of print]. PMID: 23942596 PMCID: PMC3823760.
9. Schenker Y, Tiver GA, Hong SY, **White DB**. Discussion of treatment trials in intensive care. J Crit Care. 2013 Oct;28(5):862-9. PMID: 23768446 PMCID: PMC3770796.
10. Mularski RA, Reinke LF, Carrieri-Kohlman V, Fischer MD, Campbell ML, Rocker G, Schneidman A, Jacobs SS, Arnold R, Benditt JO, Booth S, Byock I, Chan GK, Curtis JR, Donesky D, Hansen-Flaschen J, Heffner J, Klein R, Limberg TM, Manning HL, Morrison RS, Ries AL, Schmidt GA, Selecky PA, Truog RD, Wang AC, **White DB**, ATS Ad Hoc Committee on Palliative Management of Dyspnea Crisis. An official American Thoracic Society workshop report: assessment and palliative management of dyspnea crisis. Ann Am Thorac Soc. 2013 Oct; 10(5): S98-106. PMID: 24161068.
11. Schenker Y, Crowley-Matoka M, Dohan D, Rabow M, Smith C**, White DB**, Chu E, Tiver GA, Einhorn S, Arnold RM. Oncologist factors that influence referral to subspecialty palliative care clinics. J Oncol Pract. 2014 Mar 1;10(2): e37-44. Epub 2013 Dec 3. PMID 24301842 PMCID: PMC3948709.
12. Schuster R, Hong SH, Arnold RM, **White DB.** Investigating conflict in ICUs - Is the clinicians’ perspective enough? Crit Care Med. 2014 Feb 42(2):328-35.PMID: 24434440 PMCID: PMC3902111.
13. Daugherty EL, Gwon H, Schoch-Spana M, Cavalier R, **White DB**, Dawson T, Terry PB, London AJ, Regenberg A, Faden R, Toner ES. The community speaks: understanding ethical values in allocation of scarce lifesaving resources during disasters. Ann Am Thorac Soc. 2014 Jun;11(5):777-83. PMID: 24762135.
14. Vater LB, Donohue JM, Arnold R, **White DB**, Chu E, Schenker Y. What are cancer centers advertising to the public?: a content analysis. Ann Intern Med. 2014 June 17;160(12):813-20. PMID: 24863081.
15. Cox CE, **White DB**, Abernethy AP. A universal decision support system: addressing the decision making needs of patients, families, and clinicians in the setting of critical illness. Am J Respir Crit Care Med. 2014 Aug 15;190(4):366-72. PMID: 25019639.
16. Wicclair M, **White DB**. Surgeons, intensivists, and discretion to refuse requested treatments. Hastings Cent Rep. 2014 Sep; 44(5):33-42. PMID: 25231660.
17. Misak CJ, **White DB**, Truog RD. Medical futility: a new look at an old problem. Chest. 2014 Dec 1; 146 (6): 1667-72. PMID: 25451353.
18. Kahn JM, Le T, Angus DEC, Cox CE, Hough CL, **White DB**, Yende S, Carson SS for the ProVent Study Group Investigators. The epidemiology of chronic critical illness in the United States. Crit Care Med. 2015 Jan; 43(2): 282-287. PMID: 25377018.
19. Scheuenemann LP, Cunningham TV, Arnold RM, Buddadhumaruk P, **White DB**. How clinicians discuss critically ill patients’ preferences and values with surrogates: An empirical analysis. Crit Care Med. 2015 Jan 6. [Epub ahead of print]. PMID: 25565458.
20. Lewis-Newby M, Wicclair M, Pope T, Rushton C, Curlin F, Diekema D, Durrer D, Ehlenbach W, Gibson-Scipio W, Glavan B, Langer L, Manthous C, Rose C, Scardella A, Shanawani H, Siegel MD, Halpern SD, Truog RD, **White DB**. Managing conscientious objections in intensive care medicine: An official policy statement of the American Thoracic Society. Am J Respir Crit Care Med. 2015 Jan 15; 191(2): 219-27. PMID: 25590155.
21. Anderson WG, Cimino JEW, Ernecoff NC, Ungar A, Shotsberger KJ, Pollice LA, Buddadhumaruk P, Carson S, Curtis JR, Hough CL, Lo B, Matthay MA, Peterson MW, Steingrub J, **White DB**. A multicenter study of key stakeholders’ perspectives on communicating with surrogates about prognosis in ICUs. Annals of the Am Thor Society. 2015 Feb; 12(2): 142-52. PMID: 25521191.
22. Kahn JM, Le T, Angus DC, Cox CE, Hough CL, **White DB**, Yende S, Carson SS; ProVent Study Group Investigators. The epidemiology of chronic critical illness in the United States. Crit Care Med. 2015 Feb; 43(2):282-7. PMID: 25377018.
23. Schenker T, **White DB,** Rosenzweig M, Chu E, Moore C, Ellis P, Nikolaksji P, Ford C, Tiver G, McCarthy L, Arnold RM. Care management by oncology nurses to address palliative care needs: A pilot trial to assess feasibility, acceptability and perceived effectiveness of the CONNECT intervention. Journal of Palliative Medicine. 2015 Mar; 18(3):232-40. PMID: 25517219.
24. Chiarchiaro J, Schuster RA, Ernecoff NC, Barnato AE, Arnold RM, **White DB**. Developing a simulation to study conflict in ICUs. Annals of Am Thor Society.2015 Apr: 12(4): 526-32. PMID: 25643166.
25. Chiarchiaro J, Buddadhumaruk P, Arnold RM, **White DB**.  Quality of communication in the ICU and surrogates’ understanding of prognosis. Crit Care Med.2015 Mar; 43(3): 542-8. PMID: 25687030.
26. LeBlanc TW, O’Donnell JD, Crowley-Makota M, Rabow MW, Smith CB, **White DB**, Tiver GA, Arnold RM, Schenker Y. Perceptions of palliative care among hematologic malignancy specialists: a mixed-methods study. Journal of Oncology Practice. 2015 March; 11(2): 230-8. PMID: 25784580.
27. Chiarchiaro J, Arnold RM, **White DB**. Reengineering advance care planning to create scalable, patient and family-centered Interventions. JAMA. 2015 March 17; 313(11): 1103-1104. PMID: 25781435.
28. Cox CE, Wysham NG, Walton B, Jones DM, Cass B, Tobin M, Jonsson M, Kahn JM, **White DB**, Hough CL, Lewis CL, Carson SC. Development and usability testing of a web-based decision aid for families of patients receiving prolonged mechanical ventilation. Ann Intensive Care. 2015 Mar 25;5:6. PMID: 25852965.
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30. Bosslet GT, Pope TM, Rubenfeld G, Lo B, Truog R, Rushton C, Curtis JR, Ford DW, Osborne M, Misak C, Au DH, Azoulay E, Brody B, Fahy B, Hall J, Kesecioglu J, Kon AA, Lindell K, **White DB**. An official ATS/AACN/ACCP/ESICM/SCCM Policy Statement: Responding to requests for potentially inappropriate treatments in intensive care units. Am J Resp Crit Care Med. 2015 Jun 1; 191 (11):1318-30. PMID 25978438
31. Hough CL, Caldwell ES, Cox CE, Douglas IS, Kahn JM, **White DB**, Seeley EJ, Bangdiwala SI, Rubenfeld GD, Angus DC, Carson SS. Development and validation of a mortality prediction model for patients receiving 14 days of mechanical ventilation. Crit Care Med. 2015 August 5. PMID 26247337.
32. Chiarchiaro J, Buddadhumaruk P, Arnold RM, **White DB**. Prior advance care planning is associated with less decisional conflict in surrogates for the critically ill. Ann Am Thor Soc. 2015 August 4. PMID 26240996
33. Ernecoff, NC, Buddadhumaruk P, Curlin FA, **White DB**. Health care professionals’ responses to religious or spiritual statements by surrogate decision makers during goals-of-care discussions. JAMA Int Med. 2015 Aug 31. PMID: 26322823.
34. Chiarchiaro J, Ernecoff NC, Buddadhumaruk P, Rak KJ, Arnold RM, **White DB**. Key stakeholders’ perspectives on a web-based advance care planning tool for advanced lung disease. Journal of Critical Care. 2015 Sep 3. [Epub ahead of print]. PMID: 26404957.
35. Bruce CR, Liang C, Blumenthal-Barby JS, Zimmerman J, Downey A, Pham L, Theriot L, Delgado E, **White DB**. Barriers and facilitators to initiating and completing time-limited trials in critical care medicine. Crit Care Med. 2015 Dec; 43(12): 2535-2543. PMID: 26465223.
36. Misak C, **White DB**, Truog R. Medically futile and inappropriate treatment: Deliberation and justification. J Med Philos. 2015 Dec 17. PMID: 26681796.
37. Kon AA, Davidson JE, Morrison W, Danis M, **White DB**. Shared Decision Making in ICUs: An American College of Critical Care Medicine and American Thoracic Society Policy Statement. Crit Care Med. 2016 Jan; 44(1):188-201. PMID: 26509317.
38. Schwarze ML, Campbell TC, Cunningham TV, **White DB**, Arnold RM. You can’t get what you want: Innovation for end-of-life communication in the ICU. Am J Respir Crit Care Med. 2016 Jan 1; 193(1):14-6. PMID: 26474354.
39. Chiarchiaro J, **White DB**, Ernecoff NC, Buddadhumaruk P, Schuster RA, Arnold RM. Conflict management strategies in the ICU differ between palliative care specialists and intensivists. Crit Care Med. 2016 May; 44(5): 934-42. PMID: 26765500.
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Adult ICU. Crit Care Med. 2017 Jan; 45(1):103-128. PMID: 27984278.

1. Goligher EC, Ely WE, Sulmasy DP, Bakker J, Raphael J, Volandes AE, Patel BM, Payne K, Hosie A, Churchill L, **White** **DB**, Downar J. Physician-Assisted suicide and euthanasia in the ICU: A dialogue on the core ethical issues. Crit Care Med. 2017 Feb; 45(2): 149-155. PMID: 28098622.
2. Michelson KN, Frader J, Sorce L, Clayman ML, Persell SD, Fragen P, Ciolino JD, Campbell LC, Arenson M, Aniciete DY, Brown ML, Ali FN, **White DB**. The process and impact of stakeholder engagement in developing a pediatric intensive care unit communication and decision-making intervention. Journal of Patient Experience. 2016; 3(4): 108-118.
3. Nelson JE, Hanson LC, Keller KL, Carson SS, Cox CE, Tulsky JA, White DB, Chai EJ, Weiss SP, Danis M. The Voice of Surrogate Decision Makers: Family Responses to Prognostic Information in Chronic Critical Illness. Am J Respir Crit Care Med. 2017 Apr 7. PMID: 28387538.
4. Becker CL, Arnold RM, Park SY, Rosenzweig M, Smith TJ, **White DB**, Smith KJ, Schenker Y. A cluster randomized trial of primary palliative care intervention (CONNECT) for patients with advanced cancer: Protocol and key design considerations. Contemp Clin Trials. 2017 Mar; 54: 98-104. PMID: 28104470. PMCID: PMC5331884.
5. Seaman JB, Arnold RM, Scheunemann LP, **White DB**.  An integrated framework for effective and efficient communication with families in the intensive care unit. Ann Am Thorac Soc. 2017 Mar 10. PMID: 28282227.
6. Chiarchiaro J, Ernecoff NC, Scheunemann LP, Hough CL, Carson SS, Peterson MW, Anderson WG, Steingrub JS, Arnold RM, **White DB**. Physicians rarely elicit critically ill patients’ previously expressed treatment preferences in ICUs. Am J Respir Crit Care Med. *[in press].*
7. Tulsky JA, Beach MC, Butow PN, Hickman SE, Mack JW, Morrison RS, Street RL, Sudore RL, **White DB**, Pollak KI. A research agenda for communication in serious illness. JAMA Int Med. *[in press].*
8. Cunningham TV, Scheunemann LP, Arnold RM, **White DB**. How do clinicians prepare family members for the role of surrogate decision maker? J Med Ethics. *[in press].*

**Editorials, Reviews, and Book Chapters**

1. **White DB**. Autonomic cardiac regulation during acute and chronic hypoxia as assessed by spectral analysis of heart rate variability. In: Houston CS, Coates G, eds. *Hypoxia*. Burlington, VT: Queen City Printers; 1997, p. 124-33.
2. **White DB**, Luce JM. Palliative care in the intensive care unit: barriers, advances, and unmet needs. Crit Care Clin 2004; 20(3):329-43. PMID: 15183206
3. **White DB**, Curtis JR. Care near the end of life in critically ill patients: a North American perspective. Curr Opin Crit Care 2005; 11:610-5. PMID: 16292069
4. **White DB**, Curtis JR. Establishing an evidence base for physician-family communication and shared decision-making in intensive care units. Crit Care Med 2006; 34(9):2500-1.
5. Lo B, **White DB**. Intensive care unit triage during an influenza pandemic: The need for specific clinical guidelines. In: Lemon SM, Hamburg MA, Sparling F, Choffnes ER, Mack A, eds. *Ethical and Legal Considerations in Mitigating Pandemic Disease*. Washington, DC: National Academies Press; 2007, p. 192-7.
6. Luce JM, **White DB**. Care at the end of life for patients with respiratory failure. In Mason R, Broaddus VC, King T, Schraufnagel D, Martin TR, Murray JF, Nadel J, eds. *Murray and Nadel's Textbook of Respiratory Medicine, 5th ed*. Philadelphia, Elsevier/Saunders. 2010, p. 2160-79.
7. **White DB,** Angus D. Preparing for the sickest patients with 2009 influenza A (H1N1). JAMA 2009 Nov 4; 302(17):1905-6.
8. **White DB**. Ethics and end of life care of the critically care patient. In: American Thoracic Society, eds. *Clinical Year in Review Bibliography*. New York, NY, 2010, p. 52-55.
9. **White DB,** Arnold RM. The evolution of advance directives. JAMA 2011 Oct 5;306(13):1485-6. PMID: 21972313.
10. Asher NR, **White DB**. Quality in quality improvement research - a new benchmark. Crit Care 2011 15:316. PMID:22152161
11. Pope TM, **White DB**. Patient Rights. In: Webb AJ, Shapiro MJ, Singer M, Suter PM, eds. *Oxford Textbook of Critical Care*, 2nd *ed.* New York, Oxford University Press. *In press*
12. Manthous CA, **White DB**, Carson SS. The brave new world revealed: wrestling with reality, rationing, and rationality. [Semin Respir Crit Care Med.](http://www.ncbi.nlm.nih.gov/pubmed/22875390) 2012 Aug;33(4):427-30. Epub 2012 Aug 8.
13. [Manthous CA](http://www.ncbi.nlm.nih.gov/pubmed?term=Manthous%20CA%5BAuthor%5D&cauthor=true&cauthor_uid=22875377), [**White DB**](http://www.ncbi.nlm.nih.gov/pubmed?term=White%20DB%5BAuthor%5D&cauthor=true&cauthor_uid=22875377), [Carson SS](http://www.ncbi.nlm.nih.gov/pubmed?term=Carson%20SS%5BAuthor%5D&cauthor=true&cauthor_uid=22875377). Intersection of outcomes, ethics, and economics in critical care.

[Semin Respir Crit Care Med.](http://www.ncbi.nlm.nih.gov/pubmed/22875377) 2012 Aug;33(4):325.

1. Truog R, **White DB.** Futile treatments in intensive care units. JAMA Intern Med. 2013 Sep 9.[Epub ahead of print] PMID:24018420
2. Schenker Y, **White DB**, Arnold RM. What should be the goal of advanced care planning? JAMA Intern Med. 2014 Jul: 174 (7): 1093-4. PMID: 24861458.
3. Pope TM, **White DB**. Medical futility and Potentially Inappropriate Treatment. In: Youngner S, Arnold R, eds. Oxford Handbook of Ethics at the End of Life. New York, Oxford University Press. 2015 Sept 15*.*
4. Hayes M, Turnbull A, Zaeh S, White DB, Bosslet G, Wilson K, Thomson C. Responding to Requests for Potentially Inappropriate Treatments in Intensive Care Units. Annals of the American Thoracic Society, Vol. 12, No. 11, November 1, 2015: 1697-1699.
5. Hayes MM, Turnbull AE, Zaeh S, **White DB**, Bosslet GT, Wilson KC, Thomson CC. Responding to Requests for Potentially Inappropriate Treatments in Intensive Care Units. Ann Am Thorac Soc. 2015 Nov; 12(11): 1697-9. PMID: 26540420.
6. Ernecoff NC, Curlin FA, **White DB**. Spiritual care providers and goals-of-care discussions-Reply. JAMA Intern Med. 2016 Feb 1; 176(2): 279. PMID: 26830239.
7. Bosslet GT, **White DB**, Curtis JR. Reply: Neurocritical care society views on “Potentially inappropriate treatments in intensive care units.” Am J Resp Crit Care Med. 2016 Feb 15; 193(4): 467-8. PMID: 26871675.
8. Kon AA, Davidson JE, Morrison W, Danis M, **White DB**. Shared decision making in intensive care units: Executive summary of the American College of Critical Care Medicine and American Thoracic Society Policy Statement. Am J Resp Crit Care Med. 2016 April 20. PMID: 27097019.
9. Daugherty EL, **White DB**. Interpreting and applying evidence in critical care medicine. In Hall JB, Schmidt GA, Wood LDH, eds. *Principles of Critical Care*, *4th ed*. New York, NY McGraw-Hill. 2016 May 26.
10. **White DB**. Strategies to support surrogate decision makers of patients with chronic critical illness: the search continues. JAMA. 2016 Jul 5;3016(1): 35-37. PMID: 27380340.
11. **White DB**. Care at the end of life for patients with respiratory failure. In Mason R, Broaddus VC, King T, Schraufnagel D, Martin TR, Murray JF, Nadel J, eds. Murray and Nadel's Textbook of Respiratory Medicine, 6th ed. Philadelphia, Elsevier/Saunders. *In press.*

**Books**

1. Intersection of Outcomes, Ethics, and Economics in Critical Care; Seminars in Respiratory and Critical

Care Medicine Volume 33, Issue 4. Thieme, Editors: Manthous CA, **White DB**, Carson SS. New

York, NY August 2012.

2. **White DB**. Withholding and withdrawing ventilator support in adults in the intensive care unit. In: UpToDate, Post TW (Ed), UpToDate, Waltham, MA.

3. **White DB**. Ethics in the intensive care unit: Responding to requests for potentially inappropriate therapies in adults. In: UpToDate, Post TW (Ed), UpToDate, Waltham, MA.

4. **White DB**. Ethics in the intensive care unit: Informed consent. In: UpToDate, Post TW (Ed), UpToDate, Waltham, MA.

**Other Publications**

1. **White DB**, Luce JM. Ethics consultation in the intensive care unit. JAMA. 2003; 290(24):3191-92.
2. **White DB,** Lo B, Katz M. Ethical issues and the allocation of scarce resources during a public health

emergency. Ann Intern Med. 2009 June 15; 150:889.

1. Zier L, **White DB**. Resolving conflicts with surrogate decision makers. Chest. 2010; 137:239.
2. **White DB.** Distinguishing messenger from message in delivering bad news.Response to Gutierrez, Pastores, and Brown. Am J Resp Crit Care Med. 2010 181(8):873-4.
3. Truog RD, **White DB**. Anesthesia does not reduce suffering at the end of life. [Crit Care Med.](http://www.ncbi.nlm.nih.gov/pubmed/22710239) 2012 Jul;40(7):2268. PMID: 22710239.

**PROFESSIONAL ACTIVITIES**

**Clinical**

|  |  |
| --- | --- |
| 2005−2009 | Attending physician- UCSF Adult Intensive Care Units  Supervising 50-60 medical students, residents, and fellows per year |
|  |  |
| 2006−2009 | Attending physician- UCSF Pulmonary Clinic  Supervising 3 pulmonary fellows |
|  |  |
| 2007−2009 | Consultant- UCSF Ethics Consultation Service  Consultation regarding ethical dilemmas in patient care (inpatient and outpatient) |
| 2009-present | Attending physician- UPMC Adult Intensive Care Units  Supervising 15-20 medical students, residents, and fellows per year |

**Teaching**

**Educational Leadership**

2007−2009 Director- Ethics Education, UCSF School of Medicine. I designed and implemented ethics education across the four years of the medical school curriculum.

2007−2009 Founder and Director- UCSF Clinical Ethics Core. The Clinical Ethics Core is composed of the leaders in ethics investigation and teaching at UCSF School of Medicine. The purpose is to promote original inquiry and high quality teaching in bioethics. The formation of the Clinical Ethics Core allows ongoing development of the faculty through a series of seminars and panels.

2009-present Director- Ethics, Communication, and End-of-Life Care Fellowship Curriculum. University of Pittsburgh Department of Critical Care Medicine.

**FORMAL SCHEDULED CLASSES FOR STUDENTS (since 2004)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Qtr** | **Academic Year** | **Course No. & Title** | **Teaching Contribution** | **Units** | **Class**  **Size** |
| W | 2004 | UCSF Respiratory Physiology- 1st year medical students | Section leader; 3 two hour sections | 2 | 12 |
| F | 2003-2006 | UCSF Ethics Intersession 1- 2nd year medical students | Section leader; 3 two hour sessions | 1 | 14 |
| S | 2006-2007 | UCSF Intersession 1- Advances in Medical Sciences | Section leader; 2 2-hour sessions (4 hrs prep time) | 1 | 6 |
| Su | 2006-2007 | UCSF Dept of Epi/Biostats- Designing Clinical Research Course (EPI 202) | Section leader; 2 hour session (4hrs prep time) | 2 | 2 |
| W | 2006-2007 | UCSF campus-wide course- Bioethics and Society  (Med 170.01B) | Lecturer: The Role of Futility in Ethical Reasoning and Clinical Practice (1 hr session, 1 hr prep time) | 1 | 10 |
| S | 2006-2007 | UCSF CODA (Medical Students’ final course at UCSF) | Lecturer: Teamwork and Multidisciplinary Collaboration in Medicine (1hr session; 2 hr prep time) | 1 | 70 |
| W | 2006-2009 | UCSF Dept of Epi/Biostats- Qualitative Research Methods  (EPI 240) | Lecturer: Using Qualitative Methods to Study Ethics and Decision Making in Healthcare (2 hr session; 2 hr prep time) | 1.5 | 20 |
| F | 2007-2009 | African-American Health Disparities (170.05)  UCSF School of Medicine | Lecturer: Racial Variations in End-of-life Care: Is It a Health Disparity? | 1 | 20 |
| W | 2007-2009 | Bioethics and Society  (Med 170.01B)  UCSF campus-wide course | Course Director | 1 | 20 |
| F,W, Sp | 2007-2009 | Bioethics & Health Law  (required longitudinal ethics course for all UCSF medical students) | Course Director | Integrated course | 155 |
| W | 2009 | Foundations of Patient Care, UCSF School of Medicine (All 2nd year medical students) | Panelist, *“Working with Dying Patients and their Families” January 8, 2009* | Integrated course | 150 |
| F | 2009 | Qualitative Research Methods - NUR3022 –  University of Pittsburgh School of Nursing (PhD program) | Lecturer: Qualitative Description and Mixed Methods Research (November 5, 2009) | 3 | 11 |
| F | 2009 | Basic Science of Care University of Pittsburgh School of Medicine (All 2nd year medical students) | Lecturer: Ethical Principles for Just Allocation of Scarce Healthcare Resources (December 9, 2009) | Integrated course | 155 |
| W | 2011 | NUR 3030 Research Development | Lecturer: Studying Surrogate Decision Making in Intensive Care Units | 3 | 10 |
| Sp | 2011 | CLRES2610 Research Methods in Palliative Care  University of Pittsburgh  Institute for Clinical Research Education | Lecturer: Studying surrogate decision making in the ICU | 1 | 5 |
| F | 2011 | MS-1 Ethics, Law and Professionalism | Lecturer: What are the goals of medicine near the end of life | Integrated Course | 150 |
| Sp | 2012 | NUR 3030: Research Development | Lecturer: Decision-Making in Critical Illness | 3 | 9 |
| Sp | 2012 | CLRES 2610: Research Methods in Palliative Care | Lecturer: Studying surrogate decision making in the ICU | 1 | 4 |
| Sp | 2013 | CLRES 2610: Research Methods in Palliative Care | Lecturer: Studying surrogate decision making in the ICU | 1 | 4 |
| Sp | 2014 | CLRES 2610: Research Methods in Palliative Care | Lecturer: Studying surrogate decision making in the ICU | 1 | 4 |
| Sp | 2015 | CLRES 2610: Research Methods in Palliative Care | Lecturer: Studying surrogate decision making in the ICU | 1 | 6 |
| Sp | 2016 | CLRES 2610: Research Methods in Palliative Care | Lecturer: Studying surrogate decision making in the ICU | 1 | 5 |
| Sp | 2017 | MSELCT 5854 X: Ethical Issues in Clinical Practice | Lecturer: End-of life conflicts | 1 | 8 |
| Sp | 2017 | CLRES 2610: Research Methods in Palliative Care | Lecturer: Studying surrogate decision making in the ICU | 1 |  |
|  |  |  |  |  |

**POSTGRADUATE AND OTHER COURSES**

**1997**

1. Himalayan Rescue Association, Pheriche, Nepal. “Prevention of Acute Mountain Sickness.”

(weekly lectures, April-June 1997)

1. Himalayan Rescue Association, Pheriche, Nepal. “High Altitude Pulmonary Edema.”

(weekly lectures, April-June 1997)

**1998**

1. Grand Grounds, Department of Family Medicine, UCSF-Fresno, Fresno, CA. “High Altitude Pulmonary Edema.” November 11, 1998

**2003**

1. Pulmonary Physiology Seminar, UCSF Division of Pulmonary and Critical Care Medicine, San Francisco, CA. “Mechanisms of High Altitude Pulmonary Edema.” May 9, 2003
2. Pulmonary Grand Rounds, UCSF Division of Pulmonary and Critical Care Medicine, San Francisco, CA. “Diagnosis and Treatment of High Altitude Pulmonary Edema.” May 23, 2003

**2004**

1. Student and Resident Core Lecture Series, UCSF Department of Anesthesia and Critical Care Medicine, San Francisco, CA. “Weaning from Mechanical Ventilation.” April 25, 2004

**2005**

1. Critical Care Noon Conference, San Francisco VAMC, San Francisco, CA. “Ethical Dilemmas in the ICU: Medical Futility.” March 16, 2005

**2006**

1. Critical Care Noon Conference, San Francisco VAMC, San Francisco, CA. “Discussing Prognosis with Patients and their Families.” April 20, 2006

**2007**

1. 35th Annual UCSF Advances in Internal Medicine Course, Department of Medicine, UCSF, San Francisco, CA. “Shared Decision Making at the End-of-life: Opportunities for Improvement.” May 24, 2007
2. Critical Care Medicine & Trauma CME Course; Departments of Anesthesia and Surgery, UCSF, San Francisco, CA. “Addressing Value-laden Conflict in Intensive Care Units: A Practical Approach.” June 8, 2007
3. Graduate Medical Education Grand Rounds, UCSF School of Medicine, San Francisco, CA. “Ethical Dilemmas facing Residents and Fellows.” April 17, 2007
4. American Society of Nephrology Annual Meeting; Critical Care Nephrology 2007 Update, San Francisco, CA. “Bedside Rationing of Hemodialysis: Should Physicians Say No?” October 31, 2007
5. Student and Resident Core Lecture Series, UCSF Department of Anesthesia and Critical Care Medicine, San Francisco, CA. “Bioethics for the Intensivist.” August 8, 2007.

**2008**

1. UCSF Critical Care Medicine Fellow-Faculty Lecture series, San Francisco, CA. “The Physician's Role in Life Support Decisions.” April 24, 2008
2. Student and Resident Core Lecture Series, UCSF Department of Anesthesia and Critical Care Medicine, San Francisco, CA. “Physician-Family Communication and Decision Making.” June 12, 2008
3. Critical Care Medicine & Trauma CME Course, Departments of Anesthesia and Surgery, UCSF, San Francisco, CA. “Palliative Care in ICUs.” June 2008
4. UCSF Division of Nephrology Fellow’s Lecture Series, San Francisco, CA. “The Ethics of Refusing to Provide Dialysis to a Patient with Advanced Illness”. June 6, 2008
5. UCSF Critical Care Fellows Core Curriculum, San Francisco, CA. “Five Ethical Dilemmas in ICUs.” July 11, 2008
6. Student and Resident Core Lecture Series, UCSF Department of Anesthesia and Critical Care Medicine, San Francisco, CA. “Medical Futility.” September 11, 2008
7. Student and Resident Core Lecture Series, UCSF Department of Anesthesia and Critical Care Medicine, San Francisco, CA. “Ethical Issues in Intensive Care Units.” October 16, 2008
8. ACCP Critical Care Board Review Course, Orlando, FL. “Epidemiology and Biostatistics.” August 2008.
9. ACCP Critical Care Board Review Course, Orlando, FL. “Ethical Issues in Intensive Care Units.” August 2008.

**2009**

1. ACCP Critical Care Board Review Course, Phoenix, AZ. “A Primer on Epidemiology, Biostatistics, and Clinical Research Design.” August 21, 2009
2. ACCP Critical Care Board Review Course, Phoenix, AZ. “End of Life Care and Ethics in Intensive Care Units.” August 21, 2009
3. ACCP Critical Care Board Review Course, Phoenix, AZ. “Management of Life Threatening GI Bleeding.” August 21, 2009
4. UCSF Critical Care Medicine Student and Resident Core Lecture series, San Francisco, CA. “Management of Patients with Acute Lung Injury.” December 9, 2009.
5. UCSF Patient Care Grand Rounds, San Francisco, CA. “Moral Pluralism and Clinical Ethics Consultation.” December 9, 2009
6. Morbidity and Mortality Conference, UCSF Department of Anesthesia and Critical Care Medicine, San Francisco, CA. “Value Conflicts and End of Life Care in ICUs.” December 18, 2009.
7. Student and Resident Core Lecture Series, UCSF Department of Anesthesia and Critical Care Medicine, San Francisco, CA. “Ethical Issues in ICUs.” January 26, 2009
8. Student and Resident Core Lecture Series, UCSF Department of Anesthesia and Critical Care Medicine, San Francisco, CA. “Principles of Surrogate Decision Making for Critically Ill Patients.” February 26, 2009.
9. UCSF 36th Annual Advances in Internal Medicine CME Course, Department of Medicine, San Francisco, CA. ”Using Ethical Principles to Inform Public Health Policy.” May 21, 2009
10. UCSF Critical Care Medicine & Trauma CME Course, Department of Anesthesia and Surgery, San Francisco, CA. “Medical Futility: Values in Conflict.” May 29, 2009
11. American College of Chest Physicians CCM CME Course, Phoenix, AZ. “Massive GI Bleeding.” (August 21, 2009)
12. American College of Chest Physicians CCM CME Course, Phoenix, AZ. “Evaluating Research Evidence.” (August 21, 2009)
13. American College of Chest Physicians CCM CME Course, Phoenix, AZ. “Ethical Issues in Intensive Care Units.” (August 21, 2009)

**2010**

1. International Conference of the American Thoracic Society, “Update on End-of life Care.” New Orleans, LA, May 20, 2010. (Plenary Session)
2. Messer Lecture, University of Pittsburgh, School of Medicine, “Organ Donation Practices Built on Biological Fictions: Ethical Issues and Policy Implications.” Pittsburgh, PA, April 16, 2010
3. American College of Chest Physicians, “Ethics and End-of-Life Care in the ICU.” Orlando, FL, August 27, 2010.
4. American College of Chest Physicians, “Epidemiology and Biostatistics for Intensivists.” Orlando, FL, August 27, 2010.
5. American College of Chest Physicians, “Management of Massive GI Bleeds.” Orlando, FL, August 27, 2010.
6. Palliative Care Research Rounds, University of Pittsburgh, “Mixed Methods Research in Palliative Care.” Pittsburgh, PA, November 2, 2010

**2011**

1. Fellows’ Core Curriculum, Department of Critical Care Medicine, University of Pittsburgh, “The Physician’s Role in Value Laden Decisions in ICUs,” January 7, 2011
2. Fellows’ Core Curriculum, Department of Critical Care Medicine, University of Pittsburgh, “Managing Conflicts about Futile or Potentially Inappropriate Care,” February 24, 2011
3. Fellows’ Core Curriculum, Department of Critical Care Medicine, University of Pittsburgh, “The Ethics and Politics of Resource Allocation in ICUs,” February 18, 2011
4. Fellows’ Core Curriculum, Department of Critical Care Medicine, University of Pittsburgh, “Case Discussion of Ethically Challenging Cases in ICUs,” March 18, 2011
5. Respiratory Therapy Grand Rounds, University of Pittsburgh Medical Center, Pittsburgh PA. ”Allocating Mechanical Ventilators During a Public Health Emergency”. April 13, 2011.
6. American College of Chest Physicians, “Ethics and End-of-Life Care in the ICU.” San Antonio, TX. August 28, 2011.
7. American College of Chest Physicians, “Epidemiology and Biostatistics for Intensivists.” San Antonio, TX. August 28, 2011.
8. American College of Chest Physicians, “Management of Massive GI Bleeds.” San Antonio, TX. August 28, 2011.
9. Fellows’ Core Curriculum, Department of Critical Care Medicine, University of Pittsburgh, “The Physician’s Role in Value Laden Decisions in the ICU”, September 27, 2011
10. Fellows’ Core Curriculum, Department of Critical Care Medicine, University of Pittsburgh, “Leading a Family Meeting”, September 30, 2011

**2012**

1. Fellows’ Core Curriculum, Department of Critical Care Medicine, University of Pittsburgh, “Preventing and Resolving Futility Disputes” March 9, 2012
2. Fellows’ Core Curriculum, Department of Critical Care Medicine, University of Pittsburgh, “Resource Allocation for Intensivist” March 16, 2012
3. American Thoracic Society, International Conference Scientific Session, San Francisco, CA, “A Family Disagreeing About The Plan Of Care” May 20, 2012.
4. American Thoracic Society, International Conference, Center for Fellows and Junior Professionals Workshop, San Francisco, CA, ”How to get your first academic job: lessons learned” May 21, 2012
5. ACCP Critical Care Board Review Course, Phoenix, AZ. “GI Bleeding”. August, 19, 2012.
6. ACCP Critical Care Board Review Course, Phoenix, AZ. “Ethics and End of Life in the ICU”. August 19, 2012.
7. ACCP Critical Care Board Review Course. Phoenix, AZ. “Statistics”. August 19, 2012.
8. Educational Panel Discussion, Ethics Committee of Children’s Hospital of UPMC, Pittsburgh, PA. “Decision-Making at the End of Life: When Surrogates Disagree”. October 2, 2012.
9. Critical Care Canada Forum, Toronto, ON. “Improving Use of Advanced Directives”. October 30, 2012
10. Critical Care Canada Forum, Toronto, ON. “Withdrawing & Withholding – Are the Ethical Issues Similar?” October 30, 2012

**2013**

1. University of Pittsburgh Medical Student Critical Care Interest Group, Pittsburgh, PA. “Ethical Issues in Intensive Care Medicine”. February 18, 2013.
2. Fellows’ Core Curriculum, Department of Critical Care Medicine, University of Pittsburgh, “Physician’s role in value laden decisions in the ICU”. April 18, 2013
3. Fellows’ Core Curriculum, Department of Critical Care Medicine, University of Pittsburgh, “Preventing/Resolving Futility Disputes”. May 9, 2013
4. Fellows’ Core Curriculum, Department of Critical Care Medicine, University of Pittsburgh, “Prognostication and Medical Uncertainty”. May 10, 2013
5. Fellows’ Core Curriculum, Department of Critical Care Medicine, University of Pittsburgh, “Resource Allocation”. May 16, 2013
6. ACCP Critical Care Medicine Board Review course, San Antonio, Texas. “Management of Life Threatening GI Bleeds”. August 25, 2013
7. ACCP Critical Care Medicine Board Review course, San Antonio, Texas. “Ethics and End of Life in the ICU”. August 25, 2013
8. ACCP Critical Care Medicine Board Review course, San Antonio, Texas. “Interpreting Clinical Research”. August 25, 2013

**2014**

1. Fellows’ Core Curriculum, Department of Critical Care Medicine, University of Pittsburgh, “Ethics, Physician’s role in value laden decision in the ICU.” March 11, 2014
2. Respiratory Care Critical Care Symposium; University of Pittsburgh; “Responding to Requests for Futile of Potentially Inappropriate Treatment of Patients with Advanced Critical Illness.” Pittsburgh, PA. March 28, 2014
3. Fellows’ Core Curriculum, Department of Critical Care Medicine, University of Pittsburgh, “Ethics-Prognostication and Medical Uncertainty.” May 2, 2014
4. Fellows’ Core Curriculum, Department of Critical Care Medicine, University of Pittsburgh, “Ethics-Negotiating conflict and dealing with strong emotions.” May 7, 2014
5. Fellows’ Core Curriculum, Department of Critical Care Medicine, University of Pittsburgh, “Ethics-Preventing/Resolving futility disputes.” June 6, 2014.
6. Fellows’ Core Curriculum, Department of Critical Care Medicine, University of Pittsburgh, “Resource Allocation.” June 10, 2014
7. ACCP Critical Care Medicine Board Review course, Orlando, FL. “Biostatistics”, August 25, 2014
8. ACCP Critical Care Medicine Board Review course, Orlando, FL. “Ethics and End of Life in the ICU”, August 25, 2014
9. ACCP Critical Care Medicine Board Review course, Orlando, FL. “Management of life-threatening GI Bleeding”, August 25, 2014
10. ACCP Critical Care Medicine Board Review course, Orlando, FL. “Case-based workshop- Statistics”, August 25, 2014

**2015**

1. Ethics & Decision Making Research Seminar, Department of Critical Care Medicine, University of Pittsburgh, “Writing specific aims for decision-making and health services research”, February 3, 2015.
2. Fellows’ Core Curriculum, Department of Critical Care Medicine, University of Pittsburgh, “Responding to requests for futile or potentially inappropriate treatment”, March 5, 2015.
3. Plenary talk, Palliative Care for Hospitalists and Intensivists conference; Harvard Medical School, Boston, MA. “Talking with Surrogates about values, prognosis, and treatment options.” March 13, 2015
4. Workshop, Palliative Care for Hospitalists and Intensivists conference; Harvard Medical School, Boston, MA. “Responding to Requests for futile or potentially inappropriate treatments.” March 13, 2015
5. Fellows’ Core Curriculum, Department of Critical Care Medicine, University of Pittsburgh, “Talking with surrogates about prognosis values and treatment options”’ May 14, 2015.
6. Fellows’ Core Curriculum, Department of Critical Care Medicine, University of Pittsburgh, “P & P of care withdrawal to principles and practice of withdrawal of life sustaining treatment”, May 14, 2015.
7. American Thoracic Society, International Conference Scientific Session, Denver, CO, “When Enough ICU Care is Enough: How to identify Potentially Inappropriate Care in the ICU” May 19, 2015.
8. Fellows’ Core Curriculum, Department of Critical Care Medicine, University of Pittsburgh, “Engaging patients and surrogates in shared decision-making: skills practice”, May 21, 2015.
9. Fellows’ Core Curriculum, Department of Critical Care Medicine, University of Pittsburgh, “Resource allocation for Intensivists”’ June 4, 2015.
10. CHEST Critical Care Board review, National Harbor, MD. “GI Bleeding” August 21, 2015.
11. CHEST Critical Care Board review, National Harbor, MD. “End of Life and Ethics” August 21, 2015.
12. CHEST Critical Care Board review, National Harbor, MD. “Concurrent Tutorials: Statistics – Group 1B” August 21, 2015.
13. CHEST Critical Care Board review, National Harbor, MD. “Concurrent Tutorials: Statistics – Group 2B” August 21, 2015.
14. PICU Ethics Conference, Department of Critical Care Medicine, University of Pittsburgh, “Responding to requests for futile or potentially inappropriate treatment,” December 9, 2015.
15. Fellows’ Core Curriculum, Department of Critical Care Medicine, University of Pittsburgh, “Responding to requests for futile or potentially inappropriate treatment”, December 10, 2015.

**2016**

1. Fellows’ Core Curriculum, Department of Critical Care Medicine, University of Pittsburgh, “Talking with Surrogates about Prognosis values and treatment options,” February 4, 2016.
2. Trauma Services conference, University of Pittsburgh, “The ethics of refusing to operate on a patient who otherwise will die,” March 1, 2016.
3. American Thoracic Society, International Conference, San Francisco, CA, “Conflict resolution in critical care: A skills course,” May 14, 2016.
4. Fellows’ Core Curriculum, Department of Critical Care Medicine, University of Pittsburgh, “Resource allocation for Intensivists,” May 26, 2016.
5. Fellows’ Core Curriculum, Department of Critical Care Medicine, University of Pittsburgh, “P & P of care withdrawal to principles and practice of withdrawal of life sustaining treatment,” May 26, 2016.
6. Fellows’ Core Curriculum, Department of Critical Care Medicine, University of Pittsburgh, “C3 Refresher,” June 9, 2016.
7. Live webinar, American Bar Association, “Conflict over End-of-Life care,” July 20, 2016.
8. CHEST Critical Care Board Review Course, Phoenix, AZ. “End of life and ethics.” August 21, 2016.
9. CHEST Critical Care Board Review Course, Phoenix, AZ. “GIB, C.Diff.” August 21, 2016.
10. CHEST Critical Care Board review, Phoenix, AZ. “Concurrent Tutorials: Statistics – Group 2A” August 21, 2016.
11. CHEST Critical Care Board review, Phoenix, AZ. “Concurrent Tutorials: Statistics – Group 1A” August 21, 2016.
12. Fellows’ Core Curriculum, Department of Critical Care Medicine, University of Pittsburgh, “P & P of care withdrawal to principles and practice of withdrawal of life sustaining treatment,” November 17, 2016.
13. Fellows’ Core Curriculum, Department of Critical Care Medicine, University of Pittsburgh, “Talking with surrogates about prognosis values and treatment options (part 1),” December 1, 2016.

**2017**

1. Fellows’ Core Curriculum, Department of Critical Care Medicine, University of Pittsburgh, “Talking with surrogates about prognosis values and treatment options (part 2),” January 5, 2017.
2. Fellows’ Core Curriculum, Department of Critical Care Medicine, University of Pittsburgh, “Responding to requests for futile or potentially inappropriate treatment”, January 26, 2017.
3. Fellows’ Core Curriculum, Department of Critical Care Medicine, University of Pittsburgh, “Practical and ethical issues in brain death”, June 1, 2017.

**MENTORING- Faculty**

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| **Dates** | **Name** | **Position While Mentored** | **Mentoring Role** | **Current Position** |
| 2007-2012 | Wendy Anderson, MD, MPH | Assistant Professor, UCSF Department of Medicine | Research Supervision | Associate Professor, UCSF  (KL2 awardee) |
| 2009-2012 | Lee Daugherty, MD, MPH | Assistant Professor; Johns Hopkins University; Division of Pulmonary and Critical Care Medicine | Research supervision | Assistant Professor; Johns Hopkins University; Division of Pulmonary and Critical Care Medicine  (K23 awardee) |
| 2009-present | Yael Schenker, MD, MAS | Fellow and Assistant Professor; UCSF and UPMC Division of General Internal Medicine | Research supervision | Assistant Professor; University of Pittsburgh; Division of General Internal Medicine  (KL2 and NPCRC Career Development awardee) |
| 2010-2015 | Cynthia Gries, MD, MS | Instructor; University of Pittsburgh Division of Pulmonary and Critical Care Medicine | Research supervision | Assistant Professor; University of Florida  (KL2 and R21 awardee) |
| 2010-2015 | Mithya Lewis-Newby, MD | Instructor, University of Washington; Dept of Pediatrics | Research supervision | Assistant Professor, University of Washington; Dept of Pediatrics |
| 2010-2015 | Gabriel Bosslet, MD, MA | Assistant Professor, Indiana University; Fairbanks Center for Medical Ethics | Research Supervision | Assistant Professor, Indiana University, Division of Pulmonary and Critical Care Medicine |
| 2015-present | Kelly Michelson, MD, MPH | Northwestern University School of Medicine | Research supervision | Associate Professor and Director, Institute for Public Health Medicine, Center for Bioethics and Medical Humanities; Northwestern University |
| 2016-present | Kathleen Lindell | Assistant Professor, University of Pittsburgh | Research Advisor | Assistant Professor, University of Pittsburgh |
| 2016-present | Deepika Mohan, MD | Assistant Professor, University of Pittsburgh | Research Advisor | Assistant Professor, University of Pittsburgh |

**MENTORING- Post Doctoral Fellows**

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| **Dates** | **Name** | **Position While Mentored** | **Mentoring Role** | **Current Position** |
| 2010-2011 | Alyssa Majesko, MD, MPH | Fellow, Department of Critical Care Medicine; University of Pittsburgh | Research Supervision | Assistant Professor, Critical Care Medicine, Emory University School of Medicine |
| 2010-2013 | Rachel Schuster, MD, MS | Fellow, Division of Pulmonary and Critical Care Medicine; University of Pittsburgh | Research Supervision; Dissertation Committee | Assistant Professor, Division of Pulmonary and Critical Care Medicine; University of Pittsburgh |
| 2011-2016 | Leslie Scheunemann, MD, MS | Fellow, Division of Pulmonary and Critical Care Medicine; University of Pittsburgh | Research Supervision | Clinical instructor, Geriatrics and Pulmonary, Allergy and Critical Care Medicine; University of Pittsburgh |
| 2012-2016 | Jared Chiarchiaro, MD | Fellow, Division of Pulmonary and Critical Care Medicine; University of Pittsburgh | Research Supervision | Assistant Professor of Medicine, Division of Pulmonary, Allergy, and Critical Care Medicine; University of Pittsburgh |
| 2015- present | Jennifer Seaman | Fellow, T32 research | Research Supervision | Post-doctoral fellow, University of Pittsburgh School of Medicine; Department of Critical Care Medicine |
| 2016-present | Taylor Lincoln | Fellow, Hospice and Palliative Medicine | Research Supervision | Fellow, Hospice and Palliative Medicine |

**MENTORING- Doctoral and Master Students**

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| **Dates** | **Name** | **Position While Mentored** | **Mentoring Role** | **Current Position** |
| 2005-2007 | Brac Selph, D.Sc | Doctoral student;  The Wright Institute, Berkeley, CA | Research Supervision; Dissertation Committee | Assistant Professor, UCSF School of Medicine; Department of Psychiatry |
| 2006-2009 | Jennifer McAdam, RN, PhD | Doctoral student;  UCSF School of Nursing | Research Supervision; Dissertation Committee | Assistant Professor; Dominican University of California; Department of Nursing |
| 2006-2009 | Scott Stonington, MD, PhD | Doctoral student;  UCSF School of Medicine; Department of Anthropology | Research Supervision; Dissertation Committee | Post-doctoral fellow; Harvard Medical School; Department of Global Health and Social Medicine |
| 2007-2012 | Lucas Zier, MD, MPH | Master of Public Health student;  UC Berkeley-UCSF Joint MD-MPH Program | Research Supervision; Dissertation Committee | Fellow, UCSF School of Medicine; Department of Cardiology |
| 2009-2013 | Thomas Cunningham, PHD, MA, MS | Master of Bioethics student; University of Pittsburgh, Center for Bioethics and Health Law | Research Supervision; Dissertation Committee | Assistant Professor, University of Arkansas School of Medicine; Department of Medicine |
| 2011-2013 | Rachel Schuster, MD, MS | Master of Science in Clinical Research student; University of Pittsburgh School of Medicine; Institute for Clinical Research Medicine | Research Supervision; Dissertation Committee | Assistant Professor, Division of Pulmonary and Critical Care Medicine; University of Pittsburgh |
| 2012-2015 | Natalie Ernecoff | Master of Public Health student; University of Pittsburgh Graduate School of Public Health | Research Supervision; Dissertation Committee | PhD student; UNC-Chapel Hill; Gillings School of Global Public Health; Department of Health Policy and Management |
| 2013-2016 | Jared Chiarchiaro, MD | Master of Science in Clinical Research student; University of Pittsburgh School of Medicine; Institute for Clinical Research Medicine | Research Supervision; Dissertation Committee | Assistant Professor; University of Pittsburgh School of Medicine; Department of Pulmonary and Critical Care Medicine |
| 2014-2016 | Rebecca Vanderwall | Master of Science in Genetic Counseling and Master of Public Health Genetics. University of Pittsburgh School of Public Health | Research Supervision; Dissertation Committee | Master of Public Health student; University of Pittsburgh School of Public Health |

**MENTORING- Residents and Medical Students**

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| **Dates** | **Name** | **Position While Mentored** | **Mentoring Role** | **Current Position** |
| 2007-2009 | Leah Evans, MD, MS | Pre-medical student;  UCSF School of Medicine | Research Supervision; | Resident; University of Massachusetts Medical School; Children’s Memorial Hospital |
| 2007-2009 | Latifat Apatira, MD, MPH | Medical student;  UCSF School of Medicine | Research Supervision | Resident- Internal Medicine and Preventive Medicine; Kaiser Permanente San Francisco Medical Center |
| 2008 | Christopher Bautista, MD | Medical student;  UCSF School of Medicine | Research Supervision | Resident- Internal Medicine; UC Davis School of Medicine |
| 2008 | Celeste Reinking | Medical student;  UCSF School of Medicine | Educational Curriculum Development Supervision | Resident- Family Medicine; UC Davis School of Medicine |
| 2008-2009 | Juan Lessing | Medical student;  UCSF School of Medicine | Research Supervision | Chief Resident- Internal Medicine; University of Washington School of Medicine |
| 2009-2010 | Susan Lee, MD, JD | General Surgery resident, UCSF School of Medicine | Research Supervision | General Surgery resident, UCSF School of Medicine |
| 2009-2011 | Sara Johnson, MD | Internal Medicine resident, UCSF School of Medicine | Research Supervision | Assistant Professor; University of Wisconsin School of Medicine; Department of Medicine |
| 2015-Present | Alexandra Bursic | Medical student; University of Pittsburgh School of Medicine | Research Supervision | Medical student; University of Pittsburgh School of Medicine |

**DISSERTATIONS**

1. Co-Chair, Dissertation committee. Rebecca Vanderwall. University of Pittsburgh School of Public Health. “Evaluation of communication skill in genetic counseling training programs: A needs assessment.” May 27, 2016.
2. Co-Chair, Dissertation committee. Eric Silver. Carnegie Mellon University. “Second-order probability comprehension in medical decision-making.” May 30, 2017.

**RESEARCH**

**Grants Received/Years Inclusive/Grant Number and Title/Source**

### Current

5R01NR014663-02 (PI: White) 09/01/2014 – 08/31/2019

NIH/NINR $2,701,915

Stepped Wedge Trial of an Intervention to Support Proxy Decision Makers in ICUs

The objective of this proposal is to conduct a randomized stepped wedge trial in 1000 patients at five centers assessing the impact of the PARTNER intervention on patients' 6-month outcomes and health care utilization and surrogate decision-makers' psychological outcomes.

Role: PI

### 5R01AG045176-03 (PI: White) 07/01/2013 – 06/30/2018

### NIH/NIA $3,845,635

### A Trial to Improve Surrogate Decision-Making for Critically Ill Older Adults

This award supports a multi-center randomized controlled trial of a multi-faceted intervention to improve surrogate decision-making and life support decisions for critically ill elders at high risk for death or functional impairment in intensive care units.

Role: PI

5R01HL109823-04 (PI: Cox) 07/01/2012- 06/30/2017

NIH/NHLBI $3,171,290

Improving decision making for patients with prolonged mechanical ventilation

The major goal of this proposal is to determine if a decision aid is better than usual care in improving the quality of decision making for surrogates of patients receiving prolonged mechanical ventilation.

Role: Co-investigator and Site PI

1R01NR015750-01 (PI Hickman) 09/02/2015-05/31/2020

NIH/NINR $582,363

A clinical trial of electronic decision support interventions for end-of-life care among surrogate decision-makers of the chronically critically ill

Role: Consultant

(Himes) 07/01/2015 – 06/30/2017

UPP/University of Pittsburgh Foundation $50,000

Development of a Tool to Support Shared Decision Making between Clinicians and Families at Risk of Periviable Delivery

Families facing periviable delivery must decide whether or not to use life support for their baby. We plan to develop and test a support tool for families facing this decision.

Role: Co-investigator

Kahn/Pinsky (co-PIs) 09/06/1996 – 07/31/2018

T32HL007820-5

NIH/NHLBI

Experimental therapeutics in critical illness. The goal of this training grant is to provide multidisciplinary research training to post-doctoral fellows in the field critical care outcomes research and translational science.

Role: Trainer

Mallampalli (PI)       07/01/1984 -- 07/31/2018

4T32HL007563-29

NIH

Translational Training Program in Pulmonary Biology and Medicine

The Translational Training Program in Pulmonary Biology and Medicine focuses on an ethos of translational bench-to-bedside research. The training plan has been invigorated by establishing a four-year Bench-to-Bedside Translational Pulmonary/Critical Care Medicine Fellowship; pairing basic lung biology and pulmonary medicine mentors to form translational research training units; a three day off-campus fellows Research

Role: Trainer

Callaway/Yealy 01/01/2017 – 12/31/2021

1T32HL134615

NIH/NHLBI

Emergency Medicine Research Training

This proposal will establish an interdisciplinary training program to provide early-career clinical scientists with didactic and mentor-driven training in clinical emergency care research.

Role: Trainer

Kochanek (PI) 07/01/2016 – 06/30/2021

2T32HD040686-16A1

NIH/NICHD

Pediatric Neurointensive Care and Resuscitation Research. The goal of this training grant is to provide research training to post-doctoral fellows in the field of pediatric critical care outcomes research.

Role: Trainer

Kapoor (PI) 7/12/2016 – 6/30/2018

1 KL2 TR001856

NIH/NCATS

The University of Pittsburgh Clinical and Translational Science Institute – Institutional Career Development (Clinical and Translational Science Scholars Program)

The Clinical and Translational Science (CTS) Scholars Program provides multi-disciplinary career development training, including didactic instruction and mentored research experience, to investigators preparing for careers in clinical and translational science.

Role: Trainer

Schenker (PI)

1R01CA197103-01A1 04/01/2016 - 03/31/2021

NIH/NCI

A cluster randomized trial of a primary palliative care intervention (CONNECT) for patients with advanced cancer

The objective of this proposal is to conduct a cluster randomized trial among 672 patients with advanced cancer and their caregivers receiving care at 16 community oncology clinics, assessing the impact of the CONNECT intervention on patient and caregiver 3-month outcomes and health care utilization.

Witteman (PI)

CIHR 07/01/2016 – 06/30/2021

Design for Better Health

User-Centred Design and Evaluation of Interactive Media for Health Education, Communication and Decision Making

Carson (PI) 09/26/2016 – 07/31/2021

1R01NR016459-01

NINR

Prediction of Functional Outcomes from Chronic Critical Illness

Provent cohort study

Role: Site PI

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**Pending**

R01HL126029 (Carson) 0701/2016 – 06/30/2021

NIH/NHLBI $2,499,955

Immune Competence, Clinical Phenotypes, and Outcomes of Chronic Critical Illness

The aims included prediction models that will inform discussions of outcome and treatment goals between clinicians and surrogate decision-makers early in the course of CCI

Role: Site PI

**Completed**

1R21AG050252-01 (PI White) 07/01/2015 – 02/29/2017

NIH/NIA $423,227

Developing a Web and Tablet based Tool to Improve Communication and Shared Decision Making between Clinicians and Surrogates in ICUs

This goal of this project is to develop and pilot test a web and tablet computer-based intervention to foster communication and shared decision-making between clinicians and the surrogate decision-makers of incapacitated, critically ill patients.

Role: PI

Gordon & Betty Moore Foundation (PI: Halpern) 12/01/2013 – 11/30/2016

$551,429

Improving Seriously Ill Patients’ End-of-Life Care by Changing the Default Option in Advance Directives

This multicenter randomized trial seeks to measure the impacts of default options in advance directives on clinical, economic, and patient- and surrogate-reported outcomes.

Role: Co-investigator

PCORI (PI Cox) 05/01/2013 – 06/30/2016

PFA 195 $1,494,357

Improving Psychological Distress Amount Critical Illness Survisors and Their Caregivers

The major goal of this proposal is to compare a novel coping skills training intervention to education control in

a multicenter RCT.

Role: Co-Investigator and Site PI

(Himes) 07/01/2015 – 06/30/2016

Beckwith Institute $27,000

Development of a Tool to Support Shared Decision Making between Clinicians and Families at Risk of Periviable Delivery

Families facing periviable delivery must decide whether or not to use life support for their baby. We plan to develop and test a support tool for families facing this decision.

Role: Co-investigator

PCORI (PI Michelson) 11/01/2013-10/31/2016

$1,799,206

Improving Communication in the Pediatric Intensive Care Unit for Patients Facing Life-Changing Decisions

The major goals of this proposal are 1) to adapt for use in pediatric ICUs the intervention developed by White and colleagues to improve surrogate decision making in adult ICUs (the Four Supports Intervention); and 2) to conduct a two-center trial to assess the effects of the intervention on parents’ psychological outcomes and the quality of decision making.

Role: Co-Investigator

Greenwall Foundation (PI White) 07/01/2009 – 06/30/2016

Greenwall Foundation Faculty Scholars $340,210

Program in Bioethics

The Ethics of Making Life Support Decisions for Incapacitated Patients without Surrogates

This award supports normative and empirical bioethics research addressing how life support decisions should be made for patients who lack decision-making capacity, a surrogate decision-maker, and an advance directive.

Role: PI

5R01HL094553-04 (PI: White) 09/01/2009 – 06/30/2015

NIH/NHLBI $2,906,939

Identifying Effective Strategies to Disclose Prognosis in Patients with ARDS

This award supports a multi-center, mixed-methods, prospective cohort study to identify effective, culturally acceptable strategies to disclose prognostic information to surrogate decision-makers of critically ill patients.

Role: PI

5R21HL121744-02 (PI Gries) 01/01/2014-12/31/2015

NIH/NHLBI $402,396

A Healthy Literacy Sensitive Decision Aid about Transportation for COPD Patients

The goal of this proposal is to develop a health-literacy sensitive decision aid that helps patients with COPD understand their treatment options and helps clarify their preferences and values regarding lung transplantation.

Role: Co-Investigator

Beckwith Foundation (PI White) 07/01/2014 -06/30/2015

Clinical Transformation Program $60,000

In this grant, we seek to improve the quality of surrogate decision making in ICUs by developing and pilot testing 1) a web-based communication and decision support (CDS) tool for surrogates and 2) a reliable care process to integrate the tool into routine clinician-family communication.

Role: PI

1K23AG032875-01 (PI White) 09/01/08 – 08/31/2013

NIH/NIA $700,000

Paul Beeson Career Development Award in Aging

A randomized trial to improve surrogate decision-making for critically ill elders

This award supports a randomized controlled trial of a multi-faceted intervention to improve surrogate decision-making and life support decisions for critically ill elders at high risk for death or functional impairment in intensive care units.

Role: PI

3K23AG032875-02S1 (PI White) 09/15/2009 – 08/31/2012

NIH/NIA $216,000

ARRA Administrative Supplement

Paul Beeson Career Development Award in Aging

A randomized trial to improve surrogate decision-making for critically ill elders

This award is an ARRA administrative supplement to broaden the scope of the intervenion in the primary project.

Role: PI

1R21HL094975-01 (Carson) 09/01/2009 – 08/31/2011

NIH/NHLBI                                                        $423,156

Validation of a Mortality Prediction Model for Prolonged Mechanical Ventilation

A scoring system that can determine the risk of death for patients who become critically ill and require mechanical ventilation for weeks or months has been developed in a single hospital. This study will determine if this scoring system is accurate in patients who require prolonged mechanical ventilation at other hospitals in the U.S.

Role: Site PI

HFPEP070013-01-01 (Sandrock) 03/01/2008 – 02/28/2009

ASPR Healthcare Facilities Partnership

Program Grant

ESCAPE (Enhancing Surge Capacity and Partnership Effort)

The aim of this project is to develop procedures to ensure the ethical allocation of scarce medical resources during a public health emergency. It involves partnerships between health care facilities, public health departments, and alternate care sites.

Role: Consultant

1KL2RR024130-01 (McCune)                          09/30/2005 – 06/30/2008         
NCRR      $562,000

NIH Career Development Award

The goal of this award is to develop the skills to lead a multidisciplinary clinical and translational research program. This grant also supports Dr. White to lead a prospective cohort study using mixed methods to determine predictors of physician-family discordance about prognosis in critically ill patients at high risk of death.

Role: Career develop awardee

White (PI) 03/01/2007 – 06/30/2008

UCSF Research Evaluation and $25,000

Allocation Committee

This grant supports a prospective cohort study to determine predictors of physician-family discordance about prognosis in critically ill patients at high risk of death.

Role: PI

White (PI) 07/01/2003 – 06/30/2004

Will Rodgers Institute $55,000

Medical Decision Making in Incapacitated Critically Ill Patients Who Lack Surrogates.

This foundation grant supported a prospective cohort study examining the incidence of incapacitated patients without surrogates in ICUs and the decision-making practices associated with treatment limitation in this population.

Role: PI

HL07185 (Nadel) 07/01/2004 – 06/30/2005

NIH/NHLBI

T32 Multidisciplinary Research Training Program in Pulmonary Disease

The major goal of Dr. White’s project is to develop a framework to evaluate how physicians communicate prognostic information to the surrogate decision maker of critically ill, incapacitated patients.

Role: Post-doctoral fellow

**Seminars and Invited Lectureships Related to Research**

**1997**

1. 10th International Hypoxia Symposium, Lake Louise, Canada. “The Effect of High Altitude on Sympathetic and Parasympathetic Inputs to the Heart.” (invited research talk) (February 21, 1997)

**2003**

1. Pulmonary Grand Rounds, UCSF Division of Pulmonary and Critical Care Medicine, San Francisco, CA. “ICU Rationing: Is it Ethically Permissible in the United States?” (June 10, 2003)

**2004**

1. Pulmonary Research Conference, UCSF, San Francisco, CA. “Legal aspects of surrogate decision making.” (April, 2004)
2. Pulmonary Research Conference, UCSF, San Francisco, CA. “Medical futility: definitions and controversies.” (May, 2004)
3. Pulmonary Grand Rounds, UCSF, San Francisco, CA. “Shared decision making in intensive care units.” (September, 2004)

**2005**

1. Pulmonary Research Conference, UCSF Division of Pulmonary and Critical Care Medicine, San Francisco, CA. “Decisions to Limit Life Support in Incapacitated Patients Who Lack a Surrogate.” (April 4, 2005)

**2006**

1. 101st International Conference of the American Thoracic Society, San Diego, CA. “Communication about prognosis in critically ill patients at high risk of death.” (May 22, 2006)
2. Anesthesia Grand Rounds: UCSF Department of Anesthesia, San Francisco, CA “Patients at high risk for death: the anesthesiologist’s role in decision-making about whether to undergo surgery.” (March 2006)
3. American Academy of Physician Assistants National Conference, San Francisco, CA. “Decision-making at the end of life: the clinician’s evolving role.” (April 20, 2006)
4. UCSF Critical Care & Trauma CME Course, San Francisco, CA. “Improving decision-making for patients at high risk of death.” (June 9, 2006)
5. California Transplant Donor Network Oakland, CA. “Ethical challenges in donation after cardiac death.” (April, 2006)
6. Pulmonary Research Retreat, UCSF Division of Pulmonary and Critical Care Medicine. San Francisco CA. “Prognostication in the Care of Critically Ill Patients.” (November 13, 2006)

**2007**

1. Society for Medical Decision Making Annual Meeting; Pittsburgh, PA. “Doubt and belief in physicians’ ability to prognosticate: the perspective of surrogate decision makers.” (Oral abstract) (October 20, 2007)
2. Health Research Service Administration, Chicago, IL. “The physician’s role in organ donation discussions in ICUs.” (March 9, 2007)
3. Health Research Service Administration, Chicago, IL. “Ethical issues in organ donation after cardiac death.” (March 9, 2007)
4. American Academy of Physician Assistants National Conference, Philadelphia, PA. “Pain management near the end of life.” (May 27, 2007)
5. American Academy of Physician Assistants National Conference, Philadelphia, PA. “Ethical issues in surrogate decision-making: lessons from the Terri Schiavo case.” (May 27, 2007)
6. HRSA/United Network for Organ Sharing Collaborative, San Antonio, TX. “Pediatric organ donation: ethical and practical issues for the pediatric intensivist.” (March 27, 2007)
7. 35th Annual UCSF Advances in Internal Medicine Course, Department of Medicine, UCSF, San Francisco, CA. “Shared decision making at the end-of-life: opportunities for improvement.” (May 24, 2007)
8. UCSF Critical Care Medicine & Trauma CME Course, Departments of Anesthesia and Surgery, San Francisco, CA. “Addressing value-laden conflict in intensive care units: a practical approach.” (June 8, 2007)
9. University of Hawaii School of Medicine, Roadmap K12 Multidisciplinary Research Training Program Research Seminar. “Mixed Methods Research and Bioethics: Decision Making about Life Support in ICUs.” (June 15, 2007)
10. Medical Grand Rounds, San Francisco VA Medical Center, San Francisco, CA. “Tough calls about life support: a case for shared decision-making.” (July 24, 2007)
11. Visiting Professor, Department of Medicine, University of Iowa Carver College of Medicine, Iowa City, IA. “Prognostication and life support decisions in intensive care units.” (August 2, 2007)
12. Visiting Professor, Pulmonary Grand Rounds, Department of Medicine, University of Washington School of Medicine, Seattle, WA. “Preference-sensitive decisions at the end of life- what is the physician’s role?” (October 4, 2007)

**2008**

1. Visiting Professor, Medical Grand Rounds, Department of Medicine, Case Western Reserve University, Cleveland, OH. “The physician-surrogate relationship.” (March 6, 2008)
2. Visiting Professor, Center for Health Care Research and Policy, Case Western Reserve University Research Seminar, Cleveland, OH. “A mixed methods approach to studying disclosure about prognosis in intensive care units.” (March 7, 2008)
3. Medical Grand Rounds, Department of Medicine, University of California, San Francisco. “Expanding the paradigm of surrogate decision-making in intensive care units.” (April 10, 2008)
4. Department of Bioethics Research Seminar, National Institutes of Health, Bethesda, MD. “Expanding the paradigm of the physician’s role in surrogate decision-making.” (June 2, 2008)
5. Summer Ethics Symposium, California Pacific Medical Center, San Francisco, CA. “Incapacitated patients without surrogates: who should make medical decisions for them?” (June 14, 2008)
6. Pulmonary Grand Rounds, Duke University School of Medicine, Durham, NC. “Surrogate decision making: conceptual underpinnings and empirical evidence.” (July 8, 2008)
7. Medical Grand Rounds, San Francisco General Hospital, San Francisco, CA. “Expanding the paradigm of surrogate decision-making in intensive care units.” (September 23, 2008)
8. Graduate Medical Education Grand Rounds, UCSF, San Francisco, CA. “Responding to patients’ requests: balancing professional obligations and conscientious objections.” (October 21, 2008)
9. Society for Medical Decision Making, Boston, MA. “The language of prognostication in intensive care units.” (invited talk) (October 16, 2008)
10. American Academy of Neurology Annual Meeting, Chicago, IL. “Ethical aspects of withdrawing life support in patients with catastrophic neurological injury.” (April 13, 2008)
11. 102nd International Conference of the American Thoracic Society, Toronto, Canada. “Establishing goals of care for critically ill patients.” (May 21, 2008)
12. American College of Chest Physicians International Conference, Philadelphia, PA. “The importance of functional outcomes and dignity in end-of-life decision-making for elderly patients.” (session chair and speaker) (November 1, 2008)
13. American College of Chest Physicians International Conference, Philadelphia, PA. “Shared Decision-making and Discussion of Prognosis in the ICU Family Conference: How are we doing and how can we improve.” (session chair and speaker) (October 31, 2008)
14. American College of Chest Physicians International Conference, Philadelphia, PA. “Surrogate decision-making: empirical challenges to the conceptual model.” (November 3, 2008)
15. Kaiser Permanente Bioethics Symposium, Oakland, CA. “Who should make life support decisions for unrepresented patients?” (December 1, 2008)

**2009**

1. Reza Gandjei Memorial Lectureship in Bioethics, UCSF School of Medicine, San Francisco CA. “Who Should Receive Life Support When Not All Can? Pandemics and Public Health Ethics.” (February 12, 2009)
2. USCF Leadership and Management Meeting, USCF Medical Center, San Francisco, CA. “A family navigator intervention to improve the care of critically ill patients and their families.” (February 23, 2009)
3. Visiting Professor, Center for Clinical Epidemiology and Biostatistics, University of Pennsylvania. “A multi-principle strategy to allocate life support during a public health emergency.” (March 12, 2009)
4. World Health Organization, Geneva, Switzerland. “Allocating scarce treatments during a radiation emergency.” (March 17, 2009)
5. UCSF Department of Epidemiology and Biostatistics Roadmap KL2 Research Seminar. “Combining Quantitative and Qualitative Research Methods in Health Services Research.” (March 20, 2009)
6. Medical Grand Rounds, San Francisco VA Medical Center, San Francisco, CA. “Principles of Justice and the Allocation of Scarce Medical Resources.” (April 7, 2009)
7. American Thoracic Society, Society for Critical Care Medicine, and United Network for Organ Sharing Joint Workshop on Ethical and Policy Considerations in Organ Donation after Circulatory Determination of Death, San Diego, CA. “Death or DCDD Donation: Which Comes First?” (May 16, 2009)
8. Greenwall Foundation 60th Anniversary Symposium, New York, NY. “The ethics of allocating scarce medical resources in a public health emergency.” (June 1, 2009)
9. Medical Grand Rounds, San Francisco General Hospital, San Francisco, CA. “Pro-con debate in clinical ethics: should physician assisted suicide be legalized.” (June 16, 2009)
10. University of Pittsburgh, Department of Critical Care Medicine Research Retreat: strategies to enhance the patient-physician-family triad in critical illness. “A multi-component intervention to improve surrogate decision making for critically ill patients.” (September 9, 2009)
11. American Thoracic Society Leadership Retreat, Chicago, IL. “Implementing a conflict of interest management strategy.” (September 30, 2009)
12. Grand Rounds, Department of Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA. “Allocating scarce resources during an H1N1 epidemic: using ethical principles to improve public policy.” (October 28, 2009)
13. Greenwall Foundation Annual Meeting, Invited research seminar, San Francisco, CA. “The ethics of conscientious refusal in intensive care units.” (November 18, 2009)
14. American Thoracic Society Board of Directors Meeting, New York City, NY. “Conflict of interest and professional medical societies.” (December 10, 2009)

**2010**

1. Society for Critical Care Medicine International Conference, Miami, FL. “Determining patient preferences and the family's role in decision making in ICUs.” (January 11, 2010)
2. Society for Critical Care Medicine International Conference, Miami, FL. “Ethical issues in organ donation after circulatory determination of death.” (January 11, 2010)
3. Fellows Career Week, University of Pittsburgh, Department of Medicine, Seven Springs, PA: “Lung Injury.” (January 26, 2010)
4. HSR Seminar Lecture, Parkvale Building, Pittsburgh, PA: “The physician’s role in surrogate decision making: Clarifying the options.” (February 2, 2010)
5. Center for Bioethics and Health Law Colloquium, University of Pittsburgh, Pittsburgh, PA. “The ethics of withdrawing life support from an incapacitated patient who lacks a surrogate decision maker and an advance directive.” (February 5, 2010)
6. Pulmonary Grand Rounds, University of Pittsburgh, Division of Pulmonary, Allergy, and Critical Care Medicine, Pittsburgh, PA: “Disclosing news of a poor prognosis to surrogate decision makers in ICUs.” (February 26, 2010)
7. 30th Myron B. Laver International Postgraduate Course, University of Basel, Basel, Switzerland. “Justice and the allocation of scarce resources.” (March 27, 2010)
8. Messer lecture and Annual Ethics Update, Center for Bioethics and Health Law, University of Pittsburgh, Pittsburgh, PA. “The ethics of organ donation practices built on biological fictions.” (April 16, 2010)
9. International Conference of the American Thoracic Society, New Orleans, LA. “Practicing critical care medicine in morally pluralistic societies.” (Scientific symposium) (May 18, 2010)
10. International Conference of the American Thoracic Society, New Orleans, LA. “A randomized controlled trial of two methods to disclose prognostic information to surrogates of seriously ill patients.” (May 19, 2010)
11. Fellows’ Research Symposium. University of Pittsburgh Division of Pediatric Critical Care Medicine. “Studying surrogate decision making in pediatric ICUs.” (July 26, 2010)
12. American Thoracic Society Policy Committee on Conscientious Objection. Pittsburgh, PA. “What ethical considerations may constrain physicians’ freedom to act on a conscientious objection?” (July 29, 2010)
13. Association of Organ Procurement Organizations Symposium on Organ Donation after Circulatory Determination of Death. Web Conference. ”The ethics of DCD in conscious patients with high spinal cord injuries.” (October 5, 2010)
14. European Society of Intensive Care Medicine, Barcelona, Spain. “Barriers to family consent for organ donation: Can we improve it?” (October 12, 2010)
15. European Society of Intensive Care Medicine, Barcelona, Spain. “The ethics of noninvasive ventilation for patients with ‘Do Not Intubate’ orders.” (October 12, 2010)
16. European Society of Intensive Care Medicine International Congress, Barcelona, Spain. “How ICU organizational structure can improve surrogate decision making.” (October 12, 2010)
17. CRRTeams Conference. Pittsburgh PA. “Ethical challenges of unilaterally refusing to provide hemodialysis.” (October 21, 2010)
18. CRISMA Conference. University of Pittsburgh, Department of Critical Care Medicine, Pittsburgh, PA. “ATS Development of Guidelines to Handle Clinicians’ Conscientious Objection in ICUs.” (October 26, 2010)
19. Medical Grand Rounds, Temple University School of Medicine. Philadelphia, PA. “Misunderstandings and disbelief: Talking with surrogate decision makers in ICUs.” (November 10, 2010)
20. Center for Bioethics and Health Law Colloquium, University of Pittsburgh, Pittsburgh, PA. “Would Accommodating Some Conscientious Objections By Providers Improve the Quality of Medical Care?” (December 3, 2010)

**2011**

1. International Meeting of the Society for Critical Care Medicine, San Diego, CA. “Is Age-Based Rationing of ICU Beds Permissible?” (January 16, 2011)
2. International Meeting of the Society for Critical Care Medicine, San Diego, CA. “The Ethics and Politics of Rationing.” (January 16, 2011)
3. International Meeting of the Society for Critical Care Medicine, San Diego, CA. “Is the Concept of Futility Helpful?” (January 18, 2011)
4. Consortium Ethics Program, University of Pittsburgh, Pittsburgh PA. “Decision Making about Life Support for Incapacitated Patients Who Lack a Surrogate.” (March 7, 2011)
5. CRISMA Center Research Symposium, University of Pittsburgh, Pittsburgh, PA. “A Randomized Trial of Two Types of Language to Disclose Prognostic Estimates to Surrogates in ICUs” (March 8, 2011)
6. Aging Institute, University of Pittsburgh. “Elucidating Mechanisms of Physician-Surrogate Discordance about Prognosis in ICUs” (March 10, 2011)
7. Thomas Badger Memorial Lecture, American Lung Association of New England. Boston, MA. “Preventing and Resolving Futility Disputes” (April 6, 2011).
8. University of Pittsburgh Comparative Effectiveness Working Group, Pittsburgh, PA. “A Multi-Faceted Intervention to Improve the Outcomes of Surrogate Decision-Making for Elderly Critically Ill Patients” (April 11, 2011).
9. Messer Annual Bioethics Conference, University of Pittsburgh, Pittsburgh, PA. “The Ends of Medicine Near the End of Life” (April 15, 2011).
10. Ethics Grand Rounds, Temple University Medical Center, Philadelphia, PA. “The Distinction Between Futile and Potentially Inappropriate Treatment” April 20, 2011.
11. American Thoracic Society International Conference, Denver, CO. “Communicating with Patients and Families About Prognosis and Advanced Care Planning”. May 18, 2011.
12. American Thoracic Society International Conference, Denver, CO. “How Else Could Conflicts about Potentially Inappropriate Treatment be Resolved?” May 18, 2011.
13. Program on Ethics and Decision Making in Critical Illness; The CRISMA (Clinical Research, Investigation, and Systems Modeling of Acute Illness) Center, Department of Critical Care Medicine, University of Pittsburgh. “More than a Misunderstanding: Mechanisms of Physician-Surrogate Discordance about Prognosis”. June 7, 2011.
14. John Zinn Memorial Lecture; Connecticut Thoracic Society Annual Meeting and Scientific Sessions, New Haven, CT. “Preventing and Resolving Futility Disputes”. October 12, 2011
15. HCA Clinical Ethics Conference Webinar; “Rethinking Interventions to Improve Surrogate Decision Making in Intensive Care Units”. November 11, 2011.
16. Critical Care Canada Forum, Toronto, ON. “Resolving Intractable Disputes about Goals of Care in ICUs”. November 14, 2011.
17. Critical Care Canada Forum, Toronto, ON. “Understanding Physician-Surrogate Discordance about Prognosis”. November 16, 2011
18. Critical Care Canada Forum, Toronto, ON. “Clinicians’ Conscientious Objections to Provide Life Support to Patients with End Stage Illness”. November 16, 2011.
19. The CRISMA Center Research Meeting, Department of Critical Care Medicine, University of Pittsburgh. “Identifying reasons for discordance about prognosis between physicians and surrogates in ICUs: a mixed methods study". December 6, 2011

**2012**

1. Samuel Frumpkin Honor Lecture, Norwalk Hospital, Norwalk, CT. “Resolving Conflicts about Futile and Potentially Inappropriate Treatment”. March 8, 2012
2. Critical Care Medicine Grand Rounds, Department of Critical Care Medicine, University of Pittsburgh School of Medicine, Pittsburgh, PA. “Responding to Requests for a Futile or Potentially Inappropriate Treatments in ICU’s”. March 14, 2012.
3. American Thoracic Society International Conference, San Francisco, CA. “Establishing Substantive Criteria For Defining Inappropriate Care”. May 23, 2012.
4. International Society of Advanced Care Planning and End of Life Care Conference, Chicago, IL. “Strategies to Improve Surrogate Decision Making for Patients with Advanced Critical Illness”. May 31, 2012.
5. Program on Ethics and Decision Making in Critical Illness; The CRISMA (Clinical Research, Investigation, and Systems Modeling of Acute Illness) Center, Department of Critical Care Medicine, University of Pittsburgh. “The Updated ATS Policy Statement of Management of Requests for Futile or Potentially Inappropriate Treatment”. June 5, 2012.
6. American Society for Bioethics and Humanities Annual Meeting, Washington, DC. “Futility in the ICU: What Every Clinical Ethicist Needs to Know about Revised Multiprofessional Society Guidelines". October 19, 2012.
7. Critical Care Canada Forum, Toronto, ON. “The value of an ICU Trial”. October 28, 2012.
8. Critical Care Canada Forum, Toronto, ON. “Five Strategies to improve surrogate decision making in ICUs.” October 29, 2012.
9. Critical Care Canada Forum, Toronto, ON. “Giving Recommendations to Surrogates in ICUs: Not Whether, But How”. October 30, 2012

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1. The CRISMA Center Research Meeting, Department of Critical Care Medicine, University of Pittsburgh. “2013 ATS/SCCM/ESICM Policy Statement on Responding to Requests for Futile and Inappropriate Treatment”. December 4, 2012.

**2013**

1. Critical Care Grand Rounds, Columbia University, College of Physicians and Surgeons, New York, NY. “Understanding the Causes of Surrogates' Misperceptions about Prognosis in ICUs”. March 28, 2013.
2. 22nd Annual Medical Ethics Update Conference, University of Pittsburgh, Pittsburgh, PA. “Responding to Requests by Patients or Surrogates for Potentially Inappropriate Treatment”. March 29, 2013.
3. Medical Futility Conference, Case Western Reserve University, Cleveland, OH. “Resolving Conflicts about Futile and Potentially Inappropriate Treatment”. April 12, 2013.
4. American Thoracic Society International Conference, Philadelphia, PA. “Moving Beyond Rationality: Critical Concepts That Can Improve Our Clinical And Research Approach To Surrogate End Of Life Decision Making”. May 19, 2013.
5. American Thoracic Society International Conference, Philadelphia, PA. “The Ethics of Physicians Reining In Their Own Practices”. May 20, 2013.

1. American Thoracic Society International Conference, Philadelphia, PA. “When ICU Clinicians Morally Object To “Futile” Care”. May 21, 2013.
2. American Thoracic Society International Conference, Philadelphia, PA. “Summarizing Reasons For And Against Accommodating CBOs.” May 20, 2013.
3. Division of Pulmonary, Allergy, and Critical Care Medicine Grand Rounds, University of Pittsburgh School of Medicine. “Managing Requests for Futile or Potentially Inappropriate Treatment”. May 24, 2013.
4. Goldstein Lectureship and Visiting Professor; Medical Grand Rounds; Department of Medicine; University of Toronto School of Medicine; “Responding to Requests for Futile or Potentially Inappropriate Treatment”. October 1, 2013.
5. Grand Rounds; Department of Critical Care Medicine; University of Toronto School of Medicine; “Understanding the Causes of Physician-Surrogate Discordance about Prognosis in ICUs”. October 2, 2013.
6. Invited Seminar; Department of Critical Care Medicine; University of Toronto School of Medicine; “How to Elicit Incapacitated Patients’ Values from Surrogates and Make Treatment Recommendations”. October 2, 2013.
7. Invited Pre-conference Workshop; American Society of Bioethics and Humanities Annual Meeting; “Writing Winning Aims for Bioethics Research”. Atlanta, GA. October 24th, 2013.
8. Invited Research Talk; American Society of Bioethics and Humanities Annual Meeting; “Surgeons, Intensivists, and Discretion to Refuse Requested Treatments”. Atlanta, GA. October 25th, 2013.
9. Invited Presentation; The Greenwall Foundation Board of Directors; “Developing New Funding Mechanisms for Empirical Bioethics Research”. New York City, NY. November 4, 2012.

1. Grand Rounds; Department of Pulmonary, Allergy, and Critical Care. Cleveland Clinic. “Responding to Requests for Futile or Potentially Inappropriate Treatment”. Cleveland, OH; November 20, 2013.
2. Bioethics Research Seminar; Department of Bioethics. Cleveland Clinic. “Managing Clinicians’ Conscientious Objections in Intensive Care Units”. Cleveland, OH; November 21, 2013.

**2014**

1. Grand Rounds, Department of Medicine; Albert Einstein College of Medicine; Montefiore Medical Center; “Improving Surrogate Decision Making for Patients with Advanced Critical Illness”. New York City, NY. January 29, 2014.
2. Plenary Lecture, Montefiore Einstein Center for Bioethics; Albert Einstein College of Medicine; “Moving the Policy Debate Forward on Managing Requests for Futile or Potentially Inappropriate Treatment”. New York City, NY. January 30, 2014.
3. Grand Rounds, Department of Medicine, University of Chicago School of Medicine. “Responding to Requests for Futile of Potentially Inappropriate Treatment”. Chicago, IL. March 18, 2014.
4. Provost Inaugural Lecture; University of Pittsburgh School of Medicine; “Why is there a Disconnect about Prognosis between Physicians and Surrogates in Intensive Care Units”. Pittsburgh, PA. March 28, 2014
5. Shallenberger Lecture; Berman Institute of Bioethics; Johns Hopkins University; “Responding to Requests for Futile or Potentially Inappropriate Treatment”. Baltimore, MD; April 14, 2014.
6. Bioethics Research Seminar; Berman Institute of Bioethics; Johns Hopkins University; “Managing Clinicians’ Conscientious Objections in Intensive Care Units”. Baltimore, MD; April 15, 2014.
7. Hecht-Levi Postdoctoral Fellows Research Seminar; Berman Institute of Bioethics; Johns Hopkins University; “Understanding the Causes of Physician-Surrogate Discordance about Prognosis in ICUs”. Baltimore, MD; April 15, 2014.
8. Research Seminar; Center for Bioethics and Social Sciences in Medicine; University of Michigan School of Medicine. Why is there a Disconnect about Prognosis between Physicians and Surrogates in Intensive Care Units?” Ann Arbor, Michigan; May 8, 2014.
9. American Thoracic Society International Conference, San Diego, CA. “The Ethics of ACOs: Incentives to Steer Providers Toward a More Professional Ethos.” May 18, 2014.
10. American Thoracic Society International Conference, San Diego, CA. “Is Deciding Whether or Not to Admit a Critically Ill Patient to the ICU Really an Issue?” May 21, 2014.
11. American Thoracic Society International Conference, San Diego, CA. “Deciding When to Say Yes or No Requires Training and Experience, but Should be Part of Daily Critical Care.” May 21, 2014.
12. Grand Rounds, Department of Medicine; UCLA School of Medicine, Los Angeles, CA. “Why is there a Disconnect about Prognosis between Physicians and Surrogates in Intensive Care Units?” June 27, 2014.
13. American Society for Bioethics and Humanities International Conference, San Diego, CA. “New Ethics-Related ICU Consensus Statements: What Every Clinical Ethics Consultant Needs to Know.” October 16, 2014
14. American Society for Bioethics and Humanities International Conference, San Diego, CA. “Developing and Testing Patient-Centered Decision Aids.” October 18, 2014
15. American Society for Bioethics and Humanities International Conference, San Diego, CA. “When ICU Clinicians invoke conscience- based objections to deny life prolonging treatment to patients with advanced illness.” October 18, 2014
16. Quality Symposium; Center for Connected Medicine. University of Pittsburgh School of Medicine. “Ethically Responding to Requests from Surrogates for Potentially Inappropriate Treatment.” Pittsburgh, PA. December 8, 2014.

**2015**

1. PACCM Fellows Retreat. University of Pittsburgh School of Medicine. “Center for Bioethics and Health Law/Health Policy and Management.” February 4, 2015.
2. Grand Rounds, Division of Palliative Medicine. University of Pennsylvania School of Medicine. “Responding to Requests for Futile of Potentially Inappropriate Treatments.” February 17, 2015
3. Grand Rounds, Department of Medical Ethics and Health Policy. University of Pennsylvania School of Medicine. “Why is there a Disconnect about Prognosis between Clinicians and Surrogates in the ICUs?” February 17, 2015
4. Center for Bioethics and Health and Law Colloquium. University of Pittsburgh. “Should (and can) Clinicians in ICUs engage in shared-decision making with Patients/Surrogates for all preference sensitive decisions?” February 27, 2015.
5. Grand Rounds, Division of Palliative Medicine, Harvard Medical School. “Why is there a disconnect about prognosis between clinicians and surrogates in the ICUs?” March 11, 2015.
6. Grand Rounds, Department of Pulmonary Medicine, Harvard Medical School. “Improving surrogate decision-making in ICUs.” March 11, 2015.
7. Grand Rounds, Division of Pulmonary and Critical Care Medicine; UCSF School of Medicine. San Francisco, CA. “Improving Surrogate Decision Making for Patients with Advanced Critical Illness”. March 16, 2015.
8. Peterson Lectureship, Division of Palliative Medicine, University of Wisconsin School of Medicine. Madison, WI. “Why is there a disconnect about prognosis between clinicians and surrogates in the ICUs?” April 8, 2015
9. The Greenwall Foundation Faculty Scholars Program, Chicago, IL. “Writing winning aims for Bioethics research: A hands-on workshop.” April 20, 2015.
10. Vermont Bioethics Network Conference, Midwest Care Alliance. Burlington, VT. “Responding to Requests for Futile and Potentially Inappropriate Treatments.” April 29, 2015.
11. Vermont Bioethics Network Conference, Midwest Care Alliance. Burlington, VT. “Understanding the causes of misperceptions about prognosis between clinicians and surrogates in the ICUs.” April 29, 2015.
12. Jim Barlow Memorial Lecture, Bioethics Network of Ohio. Dublin, OH. “Responding to Requests for Futile and Potentially Inappropriate Treatments.” May 1, 2015.
13. Bioethics Network of Ohio. Dublin, OH. “Understanding the causes of misperceptions about prognosis between clinicians and surrogates in the ICUs.” May 1, 2015.
14. Communication is Serious Illness Conference, Duke University School of Medicine. Durham, NC. “Shared Decision-making in serious illness.” May 4, 2015.
15. Grand Rounds, University of Arkansas School of Medicine. Little Rock, AR. “Responding to Requests for Futile or Potentially Inappropriate Treatment from Surrogates.” May 7, 2015.
16. ESICM 28th Annual Congress, Berlin, Germany. “Physician-Assisted Suicide: Game over for humanity?” October 5, 2015
17. ESICM 28th Annual Congress, Berlin, Germany. Session Chair. October 6, 2015.
18. ESICM 28th Annual Congress, Berlin, Germany. “North America: Expensive treatments not to be provided” October 6, 2015
19. ESICM 28th Annual Congress, Berlin, Germany. “Do we need a God for the decision?” October 7, 2015.
20. Society for Medical Decision Making 37th Annual meeting, St. Louis, MO. Symposium “Do the right thing – Ethics, Decision science and Implementation: an interdisciplinary symposium” October 20, 2015.
21. Critical Care Canada Forum, Toronto, Canada. Fellow’s Day “Misinterpreting Prognosis: A Differential Diagnosis.” October 25, 2015.
22. Critical Care Canada Forum, Toronto, Canada. “Prognosticating: Understanding Misconceptions.” October 26, 2015.
23. Critical Care Canada Forum, Toronto, Canada. “Requests for Potentially Inappropriate Treatment.” October 27, 2015.

**2016**

1. Grand Rounds, University of Penn State- Hershey. Hershey, PA. “Understanding the causes and misperceptions about prognosis in intensive care units.” January 15, 2016.
2. PACCM Research Retreat. Seven Springs, PA. “Center for Bioethics and Health Law/Health Policy and Management.” February 3, 2016.
3. Health Services Research Seminar Series, University of Pittsburgh, Pittsburgh, PA. “Understanding the cause of physician-family discordance about prognosis in ICUs.” February 4, 2016.
4. 30th Annual Meneely/George Lecturer, Division of Pulmonary, Critical Care and Sleep Medicine, LSU School of Medicine, Shreveport, LA. “Responding to requests for futile or potentially inappropriate treatment.” February 9, 2016.
5. Grand Rounds, University of Pittsburgh, Department of Medicine. Pittsburgh, PA. “Improving communication and decision making in serious illness.” February 16, 2016.
6. Grand Rounds, New York University, Division of Pulmonary, Critical Care and Sleep Medicine, New York, NY. “Why is there a disconnect about prognosis between physicians and surrogates in ICU’s?” March 30, 2016.
7. Grand Rounds, University of Pittsburgh, Department of Internal Medicine, Pittsburgh, PA. “Beyond misunderstandings: exploring the causes of surrogate decision maker’s misperceptions about prognosis in ICUs.” April 14, 2016.
8. American Thoracic Society International Conference, San Francisco, CA. “Great expectations: Using digital tools to assist ICU patient, families, and clinicians with shared decision making.” May 16, 2016.
9. ESICM Lives 2016, Milan, Italy. “Shared decision-making.” October 3, 2016.
10. ESICM Lives 2016, Milan, Italy. Session Chair. October 3, 2016.
11. 6th Annual Palliative Care Across the Lifespan Conference, Toledo, OH. “Responding to requests for futile or potentially inappropriate treatment.” November 16, 2016.
12. 6th Annual Palliative Care Across the Lifespan Conference, Toledo, OH. “Understanding the causes of misperceptions about prognosis by family members of critically ill patients.” November 16, 2016.

**2017**

1. Grand Rounds, University of Texas Southwestern, Division of Ethics, Dallas, TX. “Responding to requests for futile or potentially inappropriate treatment.” March 14, 2017.
2. Grand Rounds, University of Alabama at Birmingham, Department of Medicine, Birmingham, AL. “Why is there a disconnect about prognosis between physicians and surrogate decision-makers in the ICUs?” March 29, 2017.
3. Grand Rounds, University of Alabama at Birmingham, Center for Bioethics and Medical Humanities, Chicago, IL. “Responding to requests for futile or potentially inappropriate treatment.” March 30, 2017.
4. Grand Rounds, Northwestern University, Department of Medicine, Division of Pulmonary, Birmingham, AL. “Understanding the causes of misperceptions about prognosis among surrogate decision-makers.” April 21, 2017.
5. American Thoracic Society International Conference, Washington, DC. “The (ambiguous) role of autonomy in surrogate decision-making.” May 24, 2017.
6. Grand Rounds, HealthPartners Medical Group, St. Paul, MN. “Responding to requests for futile or potentially inappropriate treatment.” May 31, 2017.

**Other Research-Related Activities**

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| 2008 | California Department of Public  Health | Advisor, Crisis Standard of Care Workgroup |
| 2008 | U.S. Health Research and Services Administration (HRSA) | Member, Committee on Organ Donation after Cardiac Death |
| 2009-10 | American Thoracic Society, Society for Critical Care Medicine, United Network for Organ Sharing | Executive Writing Committee, Joint Workshop on the Ethical and Policy Considerations in Organ Donation after Circulatory Determination of Death (DCDD) |
| 2009-10 | World Health Organization | Expert panelist, Task Force on the Harmonization of Medical Countermeasures for Acute Radiation Sickness |
| 2009 | Institute of Medicine | Expert review panel, Report on Respiratory Protection for Healthcare Workers in the Workplace against 2009 Novel H1N1 Influenza A. |
| 2009-11 | U.S. Department of Health and Human Services, Office of Preparedness and Emergency Operations (HHS/OPEO) | Member, Committee on the Allocation of Scarce Resources During the Response to an Improvised Nuclear Device (IND) |
| 2009 | Johns Hopkins University | External advisor, development of “Framework for the Fair Allocation of Scarce Critical Care Resources During Epidemics of Novel Respiratory Pathogens.” |
| 2009 | University of California, San Francisco | Member, Study section, NIH-KL2 career development awards in multidisciplinary clinical research. |
| 2008- | Critical Care Initiative, American College of Chest Physicians, American Association of Critical Care Nurses | Member, Task Force on Mass Critical Care |
| 2009-10 | American Thoracic Society | Writing Committee, Workshop on Palliative Management of Crisis Dyspnea |
| 2010-12 | Society for Critical Care Medicine | Steering Committee member, Internal Medicine Section |
| 2010-14 | American Thoracic Society | Chair, Writing Committee, Policy statement on Conscientious Objection in ICUs |
| 2011-14 | American Thoracic Society | Chair, Writing Committee, Policy statement on responding to requests for potentially inappropriate treatment. |
| 2011 | National Quality Forum | Steering Committee member, Palliative Care  and End-of-Life Care |
| 2012-14 | Society for Critical Care Medicine | Co-Chair, Policy Writing Committee for Shared Decision Making in ICU’s. |
| 2012- | National Institutes of Health | Member, Social and Ethical Issues in Research (SEIR) Study Section |
| 2016 | American Thoracic Society | Member, Program Committee for the Assembly on Critical Care |
| 2016 | American Thoracic Society | Member, ATS Policy Group on Unrepresented Patients |
| 2017 | American Thoracic Society | Member, CC Aging/Geriatrics working group |

**SERVICE**

**Memberships**

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| 2003−present | American Thoracic Society |
| 2003−present | Society for Critical Care Medicine |
| 2005−present | Society for Medical Decision-Making |
| 2006−09 | California Thoracic Society |
| 2007−present | American Society of Bioethics and Humanities |

**Service to NIH & other governmental organizations:**

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| 2006 | National Institutes of Health | Planning Committee, K12 National Meeting |
| 2012-present | National Institutes of Health | Member, Social and Ethical Issues in Research (SEIR) Study Section |
| 2014 | Maryland Department of Health and Mental Hygiene | Expert panelist, Allocation of Scarce Medical Resources Advisory Working Group |
| 2015-present | National Institute of Health | Chair- NIH Societal and Ethical Issues in Research (SEIR) study section |

**Service to Professional Publications**

Editorial Boards:

2012- American Journal of Critical Care

2013- 2015 Medical Decision Making

2014- Annals of the American Thoracic Society Editorial Board

Invited Reviewer:

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| 2004−present | Reviewer, Critical Care Medicine |
| 2006−present | Reviewer, Annals of Internal Medicine |
| 2007−present | Reviewer, American Journal of Respiratory and Critical Care Medicine |
| 2008−present | Reviewer, Journal American Medical Association |
| 2009-present | Reviewer, Journal of the American Geriatrics Society |

**Service to Professional Organizations**

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| 2005−07 | Society for Critical Care Medicine | Member, Task Force on Non-Invasive Ventilation |
| 2007−present | Association for Organ Procurement Organizations | External Advisor, Ethics Committee |
| 2006−present | California Thoracic Society | Member, Health Care Policy Committee |
| 2008 | American Thoracic Society | Chair- poster discussion session. *“Ethics and end-of-life care.”* 102nd International Conference of the American Thoracic Society, Toronto, Canada. May 20, 2008. |
| 2008 | American College of Chest Physicians | Chair, symposium: “*Decision-making for the Elderly Critically Ill Patient.”* ACCP Annual International Conference. Philadelphia, PA. November 1, 2008. |
| 2008 | American College of Chest Physicians | Chair, symposium: “*An evidence-based approach to the ICU family conference.”*  ACCP Annual International Conference. Philadelphia, PA. October 31, 2008. |
| 2009 | Society for Medical Decision Making | Abstract reviewer, International Conference |
| 2009−13 | American Thoracic Society | Chairman, Ethics and Conflict of Interest Committee |
| 2009−10,  2011-12 | American Thoracic Society | Member, Critical Care Assembly Program Committee |
| 2009−13 | American Thoracic Society | Member, Critical Care Assembly Planning Committee |
| 2010 | American Thoracic Society | Chair, International Conference Symposium (Critical Care Track): *“Pro-Con Debates in Critical Care Ethics.”* New Orleans, LA. May, 2010. |
| 2010 | American Thoracic Society | Co-Chair, International Conference Poster Discussion Section (Critical Care Track): *“Ethics and End of Life Care.”* New Orleans, LA. May, 2010. |
| 2010  2012 | European Society of Intensive Care Medicine  American Thoracic Society | Co-Chair, International Conference Poster Discussion Section: *“Ethics and End of Life Care.”* Barcelona, Spain. October, 2010.  Co-Chair, International Conference Scientific Session: “*What are the boundaries of acceptable medical practice near the end of life in intensive care units*?” San Francisco, CA. May 2012. |
| 2012 | American Thoracic Society | Chair, International Conference Poster  Discussion Session, “*Ethics and End of*  *Life Care in the ICU*”. San Francisco, CA May 2012. |
| 2013 | American Thoracic Society | Chair, International Conference Scientific Session, “*Improving ICU Decision Making at the End of Life: Cutting Edge Strategies*”. Philadelphia, PA. May 2013. |
| 2013 | American Thoracic Society | Chair, International Conference Scientific Symposium, “*Is There Room For Conscientious Objections in Critical Care Medicine?*” Philadelphia, PA. May 2013. |
| 2013 | American Thoracic Society | Moderator, International Conference Poster Session, “*Patients, Ethics, and End of Life Care*”. Philadelphia, PA. May 2013. |
| 2013 | American Thoracic Society | Chair, International Conference Scientific Mini-Symposium. “*Care at the End of Life: Room for Improvement, Ideas for Change*.” Philadelphia, PA. May 2013. |
| 2013-2014 | American Thoracic Society | Member, Critical Care Assembly Program Committee |
| 2014 | American Thoracic Society | Member, Ethics and COI Committee |
| 2014 | Society of Critical Care Medicine | Moderator, webcast, Controversies in Critical Care: Palliative Sedation in the ICU |
| 2014 | NIH Societal and Ethical Issues | Chair, Research study section, American Society for Bioethics and Humanities Annual Meeting |
| 2014-2015 | American Thoracic Society | Member, Critical Care Assembly Program Committee |
| 2015 | American Thoracic Society | Chair, Poster Discussion session, *“Improving Patient Experience in Critical Care”*, Denver, CO May 2015 |
| 2017 | American Thoracic Society | Chair, Poster Discussion session, “Improving Family Engagement and Palliative and End of Life Care in the ICU”, Washington, DC May 2017 |
| 2017 | American Thoracic Society | Member, Working group on Aging and Critical Care |

**Service to University of Pittsburgh**

Department

* Member, Incentive Committee (2009-11)
* Member, Patient Care Workflow Taskforce (2009-11)
* Search Committee, Grenvik Endowed Chair in Education (2010-11)
* Chair, CCM Promotions and Tenure Committee, (2015-present)
* Member, CCM Grand Rounds Committee (2015-present)
* Chair, UPMC Presbyterian Shadyside Ethics Committee, (2015-present)

School of Medicine

* Chair, Search committee, Chief of Division of General Internal Medicine (2016-present)
* Member, Committee for Tenured Faculty Promotions and Appointments (2016-2019)

Hospital/Health System

* Co-Chair, UPMC Presbyterian-Shadyside Hospitals Ethics Committee (2016-present)
* Member, UPMC Ethics Committee (2009-16)
* Member, Circulatory Declaration of Death Subcommittee (2009-10)